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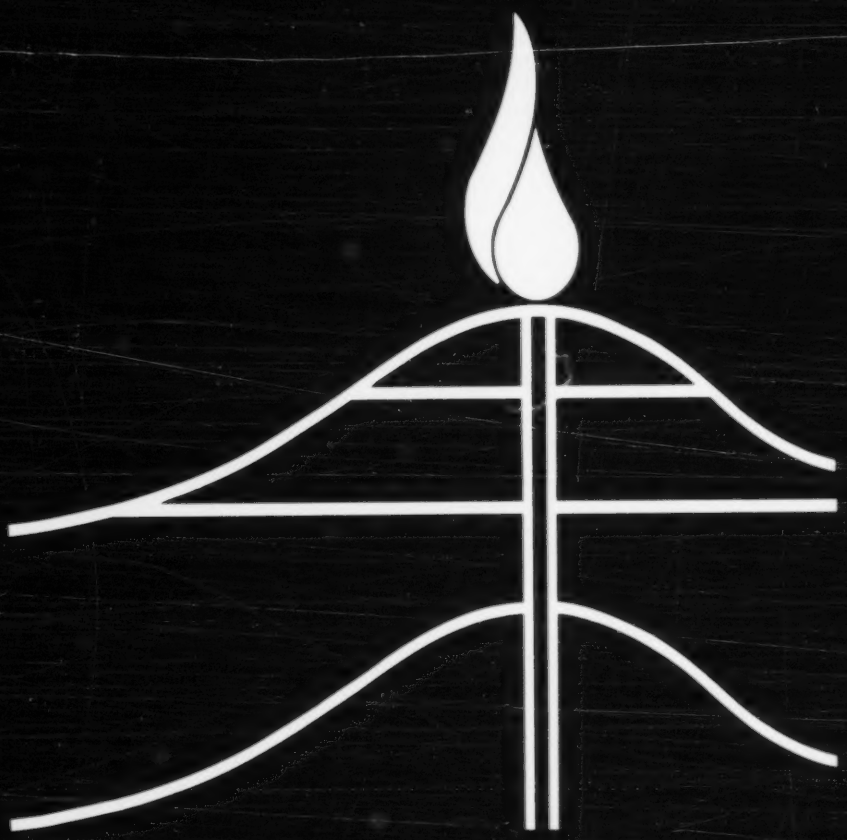
Reservoir Annual 2002

Saskatchewan

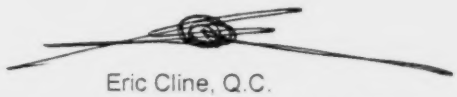


PREFACE

The 2002 Reservoir Annual has been compiled to consolidate pertinent information on all oil and gas reservoirs in Saskatchewan into a convenient reference manual. The main sections of the report contain oil and gas reserves data, development and producing data and information concerning enhanced recovery projects. The remaining sections present related reservoir information.

Publication of the Reservoir Annual commenced in 1963 and has since undergone a number of changes to improve the presentation and to increase the amount of information that is useful to both industry and government.

I would like to acknowledge the assistance of the oil and gas companies operating in Saskatchewan for submitting much of the material that has been used in the preparation of this report.



Eric Cline, Q.C.
Minister of Industry and Resources

Although the Department of Industry and Resources has exercised all reasonable care in the compilation, interpretation and production of this report, it is not possible to ensure total accuracy, and all persons who rely on the information contained herein do so at their own risk. The Department of Industry and Resources and the Government of Saskatchewan do not accept liability for any errors, omissions or inaccuracies that may be included in, or derived from, this report.

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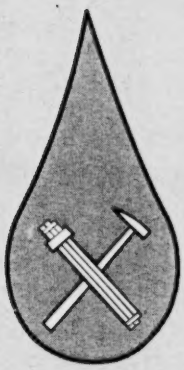
INTRODUCTION



INTRODUCTION

The 2002 Reservoir Annual is published by Saskatchewan Industry and Resources to provide current statistical information with regard to performance and reservoir parameters of Saskatchewan oil and gas pools. The 2002 edition is subdivided into nine sections, each dealing with a specific type of reservoir data. Section B presents maps showing oil and gas pools, production and disposition areas, well spacing areas and other related information. Of considerable importance are sections C and D, which provide reservoir data and reserves for all provincial oil and gas pools broken down by unit and non-unit areas. Section E contains a listing of oil and gas units and provides such information as operator, producing zone, number of active wells and project data such as pattern type, commencement date and injection rates. The section titled "Development Data" presents information on natural depletion mechanism, enhanced recovery projects, well spacing and target areas for all Saskatchewan oil and gas pools. The remaining three sections include illustrations of typical producing well logs, pool pressure data and Maximum Permissive Rate factors. All reserve, production, pool boundary and well spacing information contained in this publication is as of December 31, 2002, unless otherwise noted.

The reserve values contained in the Reservoir Annual are "established reserves" as adopted from the recommendations of The Joint Industry/Government Task Force on Uniform Reserves Terminology. Established reserves are defined as those reserves recoverable under current technology and present and anticipated economic conditions, specifically proved by drilling, testing or production, plus that judgement portion of contiguous recoverable reserves that are interpreted to exist from geological, geophysical or similar information, with reasonable certainty.

A continued high level of exploration and development activity resulted in a near-record volume of 24.4 million cubic metres of oil produced in 2002. Initial established oil reserves increased by 19.2 million cubic metres due to the addition of 1467 new or recompleted producing oil wells (including 318 producing horizontal wells) and 12 new or expanded waterflood/EOR projects. This was further increased to about 22.4 million cubic metres because of better definition of existing reserves. The majority of reserve additions due to drilling came from the Lloydminster/Kindersley heavy oil areas of the province. Provincial remaining established reserves were 183.6 million cubic metres at year end. Table 1 provides a more detailed look at the changes in oil reserves.

Natural gas production in 2002 was 7.404 billion cubic metres. Initial reserves of gas were increased by 11.572 billion cubic metres in 2002, resulting in a net increase of 4.169 billion cubic metres and a remaining established reserves year-end value of 79.192 billion cubic metres. There were 1847 successful gas wells drilled in 2002.

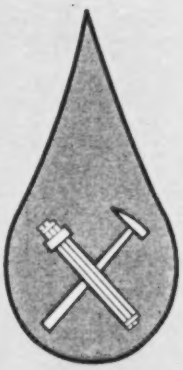
The objective of this publication is to provide subscribers in the oil and gas industry with reliable and pertinent information on provincial oil and gas resources and any suggestions or comments on improvements in this regard would be welcomed by Saskatchewan Industry and Resources.

TABLE 1
REMAINING OIL RESERVES IN SASKATCHEWAN
(MILLION CUBIC METRES)

Area	Remaining Established Reserves (Dec 31/01)	2002 Additions to Reserves Revisions	Drilling & Recompletion	Total	2002 Production	Net Change in Reserves During 2002	Remaining Established Reserves (Dec 31/02)
Area I - Heavy	60.079	4.706	9.542	14.248	9.673	4.575	64.654
Area II - Heavy	27.428	-1.307	2.059	0.752	2.642	-1.890	25.538
Area II - Light	4.274	0.528	0.332	0.860	0.567	0.293	4.567
Area III- Medium	23.213	0.180	1.310	1.490	2.858	-1.368	21.845
Area IV - Medium	38.621	0.796	1.727	2.523	4.295	-1.772	36.849
Area IV - Light	31.973	-0.684	3.244	2.560	4.342	-1.782	30.191
PROVINCIAL TOTAL	185.588	4.219	18.214	22.433	24.377	-1.944	183.644

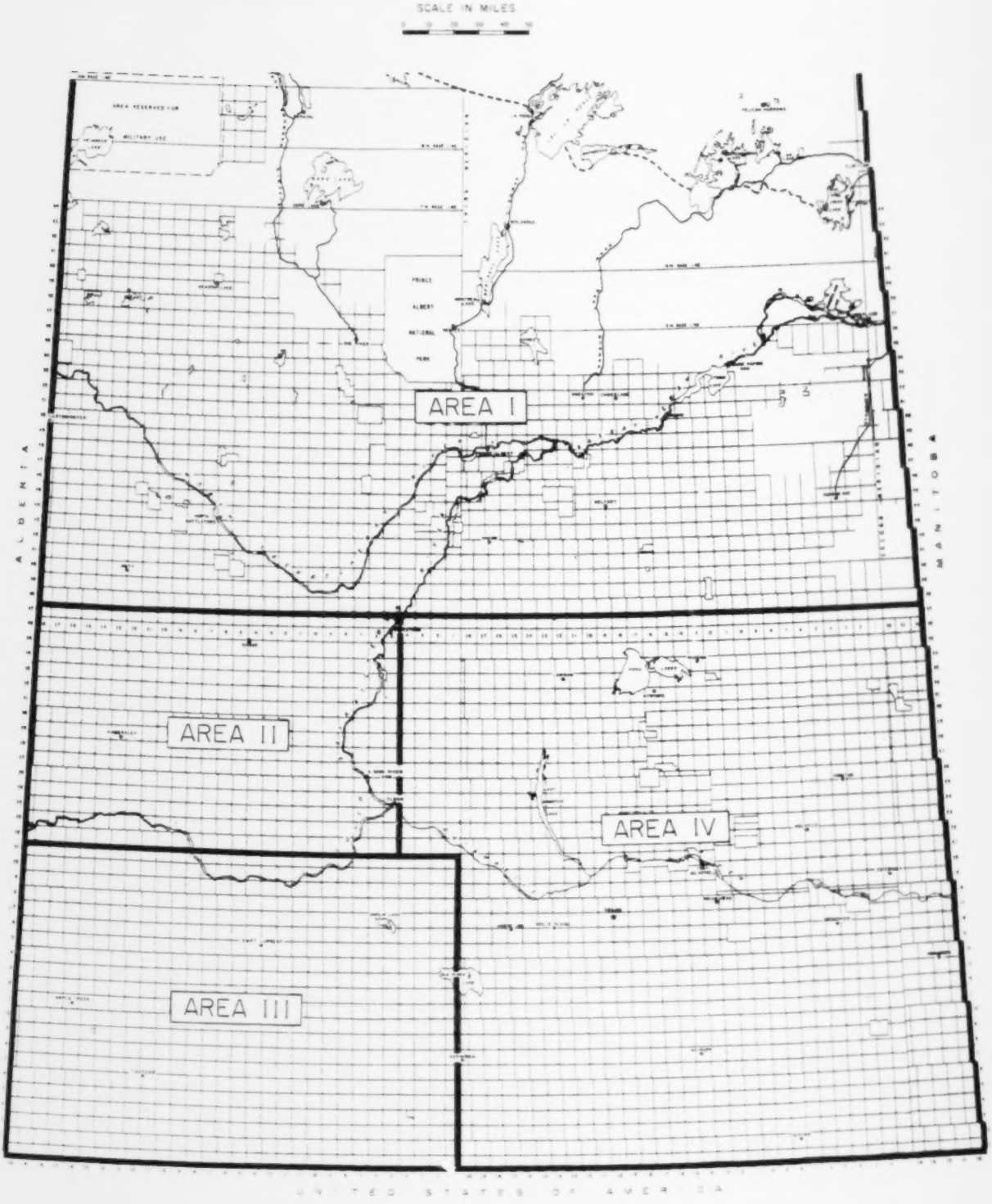
POOL AND AREA

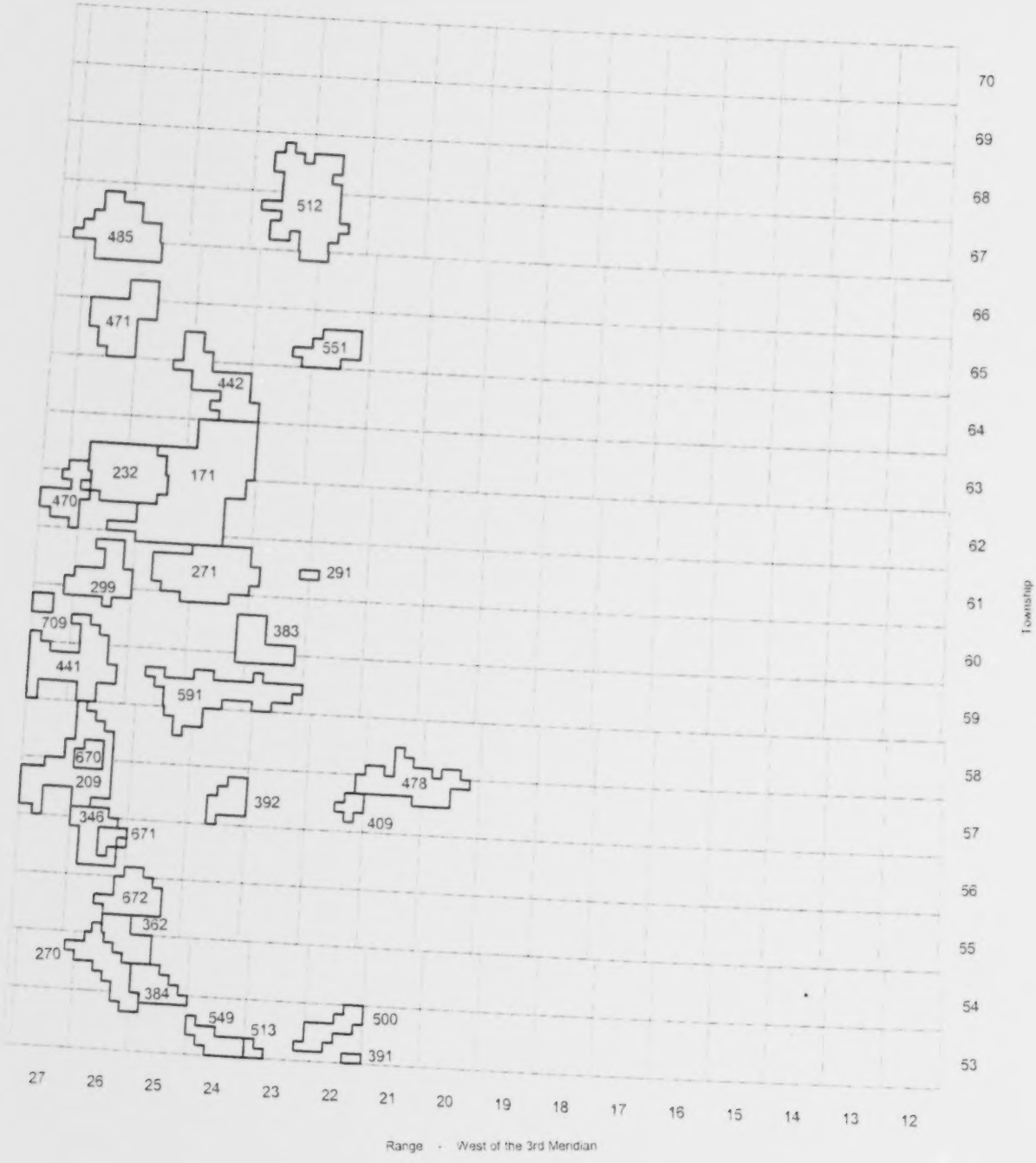
MAPS



SASKATCHEWAN
PETROLEUM AND NATURAL GAS

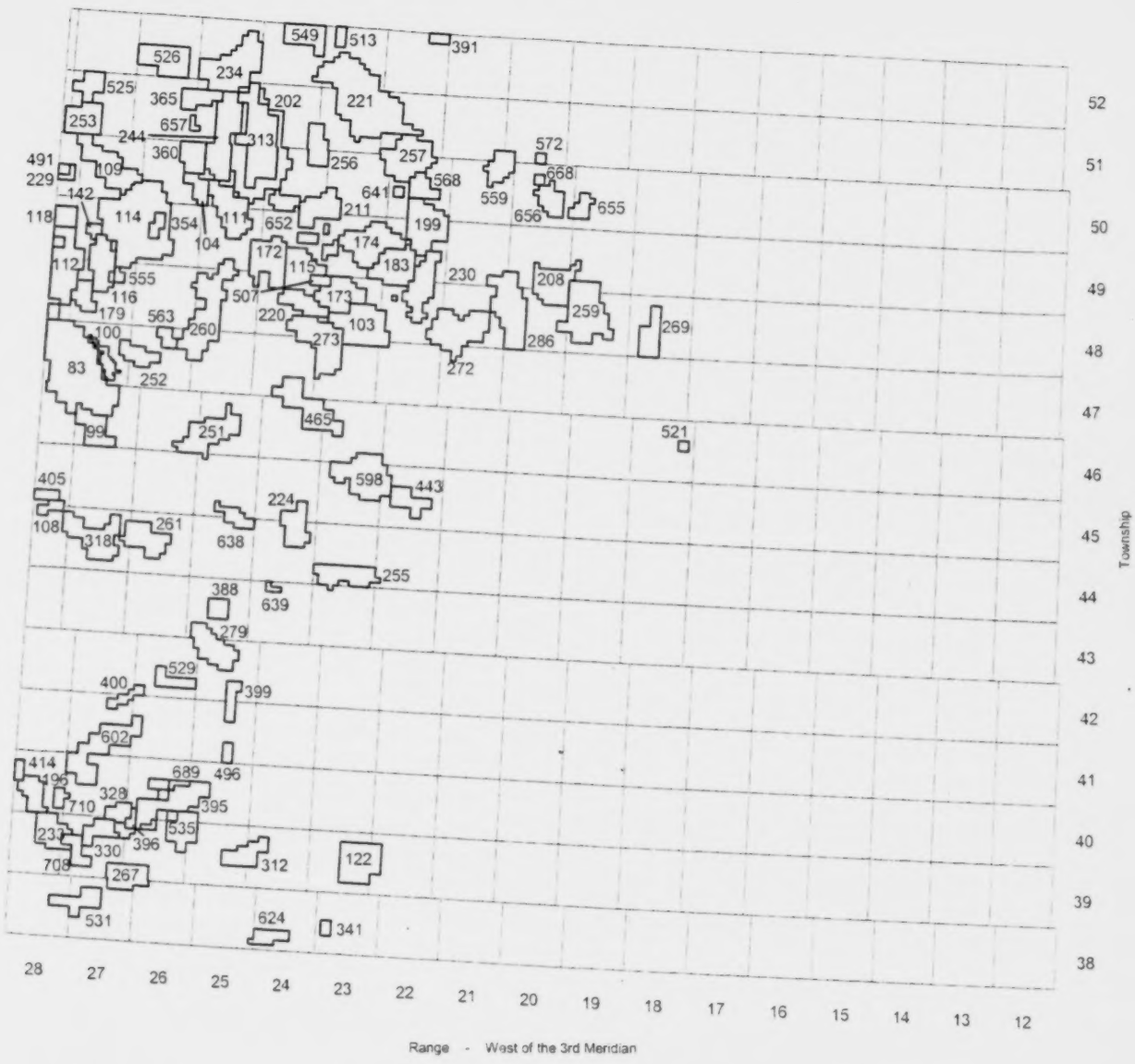
PRODUCTION AND DISPOSITION AREAS





OIL & GAS POOLS - AREA I - NORTH HALF

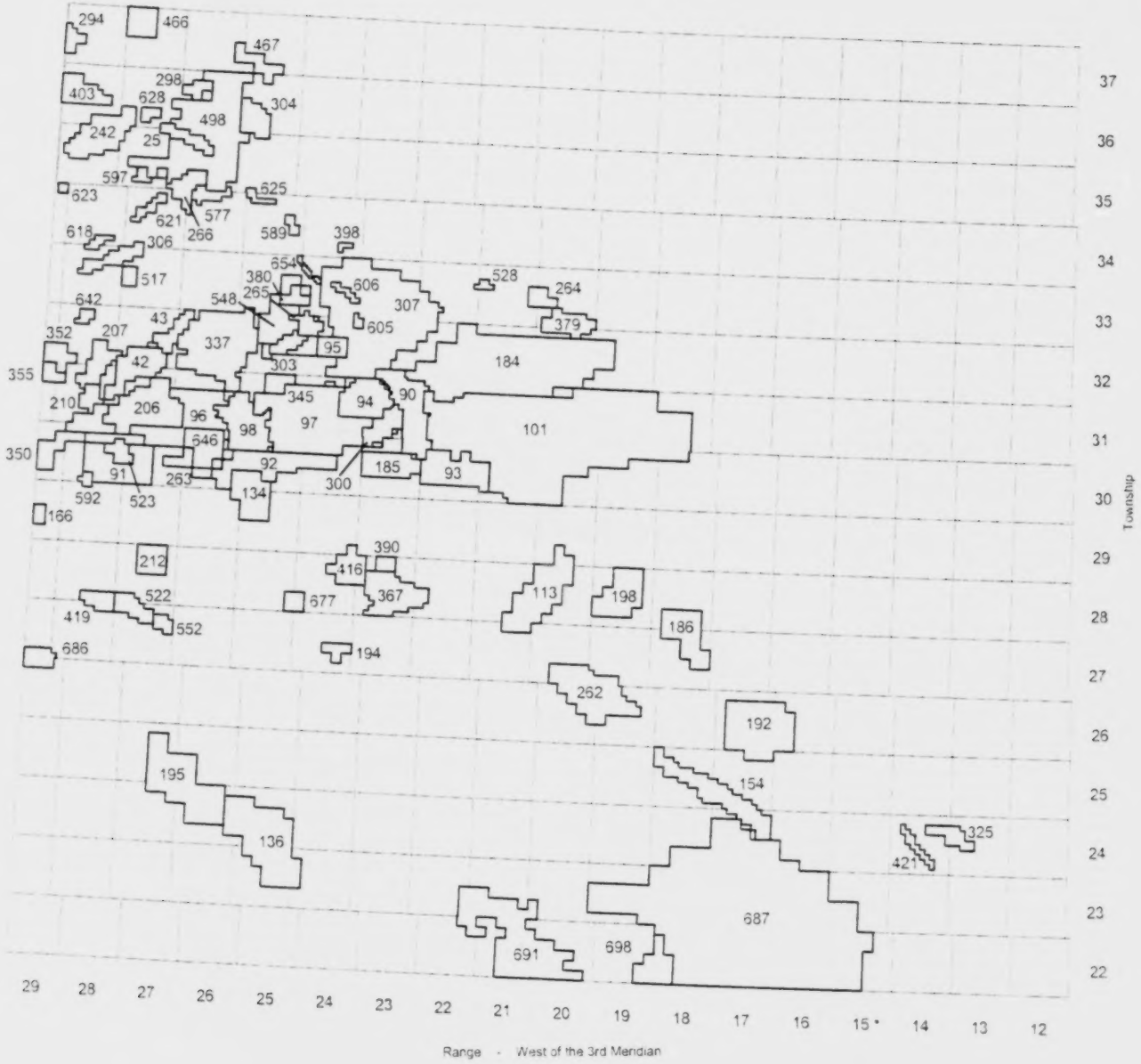
171 Beacon Hill Mannville Sand Gas Pool
209 Peck Lake Colony Sand Gas Pool
232 Pierceland Mannville Sand Gas Pool
270 Fort Pitt Colony Sand Gas Pool
271 Beacon Hill South Mannville Sand Gas Pool
291 Flat Valley St. Walburg Sand Gas Pool
291 Flat Valley Colony Sand Gas Pool
299 Beacon Hill West Mannville Sand Gas Pool
346 Bronson Lake Colony Sand Gas Pool
346 Bronson Lake Waseca Sand Gas Pool
362 Fort Pitt North Colony Sand Gas Pool
362 Fort Pitt North Waseca Sand Gas Pool
383 Makwa Mannville Sand Gas Pool
384 Frenchman Butte St. Walburg Sand Gas Pool
384 Frenchman Butte Colony Sand Gas Pool
384 Frenchman Butte Waseca Sand Gas Pool
391 Spruce Lake Mannville Sand Gas Pool
392 Whelan St. Walburg Sand Gas Pool
392 Whelan Mannville Sand Gas Pool
409 Barthel Colony Sand Gas Pool
441 Mudie Lake Colony Sand Gas Pool
442 Bear Creek Mannville Sand Gas Pool
470 Pierceland West Colony Sand Gas Pool
471 Gold Lake Colony Sand Gas Pool
478 Loon Lake Colony Sand Gas Pool
485 Primrose Lake Mannville Sand Gas Pool
500 Spruce Lake North Colony Sand Gas Pool
512 Primrose Lake East Mannville Sand Gas Pool
513 Bolney Colony Sand Pool
549 Paradise Hill Colony Sand Gas Pool
549 Paradise Hill Waseca Sand Gas Pool
551 Gold Lake Colony Sand Gas Pool
591 Branch Lake Colony Sand Gas Pool
670 Peck Lake North Second White Specks Gas Pool
671 Peck Lake South Second White Specks Gas Pool
672 Bronson Lake South Colony Sand Gas Pool
709 Mudie Lake North Colony Sand Gas Pool



Range - West of the 3rd Meridian

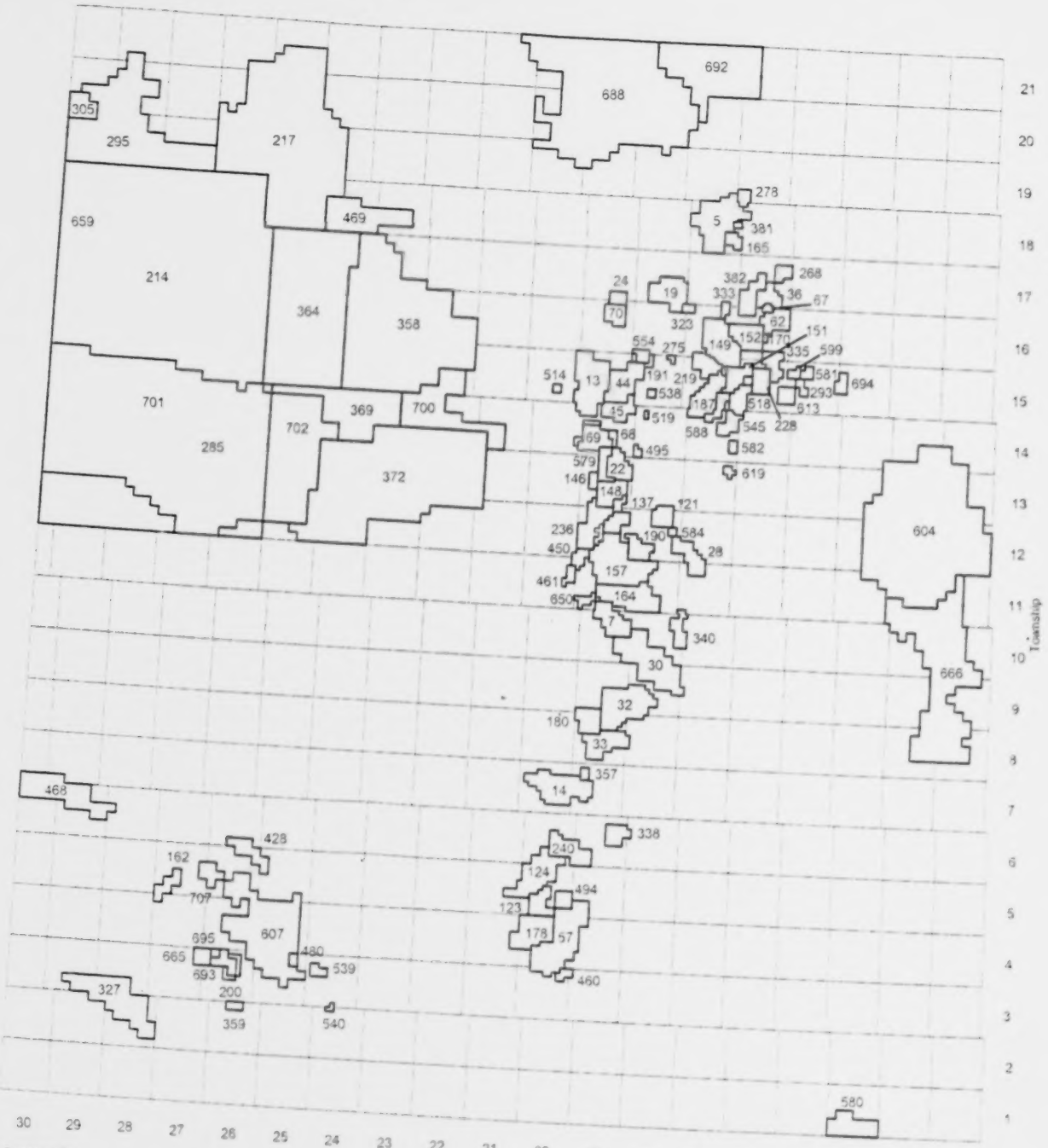
OIL & GAS POOLS - AREA I - SOUTH HALF

93 Epping Sparky Sand Pool
93 Epping G.P. Sand Pool
93 Epping Mannville Sands Pool
99 Epping South Sparky Sand Pool
100 Lone Rock Sparky Sand Pool
103 Golden Lake South Sparky Sand Pool
103 Golden Lake South Waseca Sand Pool
103 Golden Lake South Mannville Sands Pool
104 Landrose Waseca Sand Pool
104 Landrose McLaren Sand Pool
108 Marsden Sparky Sand Pool
109 Northminster Sparky Sand Pool
111 Big Gully McLaren Sand Pool
111 Big Gully Sparky Sand Pool
111 Big Gully Waseca Sand Pool
112 Silverdale Sparky Sand Pool
114 Aberfeldy Sparky Sand Pool
115 Lashburn McLaren Sand Pool
115 Lashburn Waseca Sand Pool
115 Lashburn Sparky Sand Pool
116 Dulwich Sparky Sand Pool
118 Lloydminster Colony Sand Gas Pool
122 Unity South Viking Sand Gas Pool
122 Unity South Sparky Sand Gas Pool
122 Unity South Unity Sand Gas Pool
142 Dulwich North Sparky Sand Pool
172 Forest Bank Mannville Sands Pool
172 Forest Bank Sparky Sand Pool
172 Forest Bank Waseca Sand Pool
173 Golden Lake North Waseca Sand Pool
173 Golden Lake North Sparky Sand Pool
173 Golden Lake North Mannville Sands Pool
174 Gully Lake Waseca Sand Pool
179 Fumess Sparky Sand Pool
193 Dee Valley Waseca Sand Pool
196 Eyehill Cummings-Dina Sand Pool
199 Standard Hill Waseca Sand Pool
202 Tangleflags Lloydminster Sand Pool
202 Tangleflags Sparky Sand Pool
202 Tangleflags G.P. Sand Pool
202 Tangleflags Mannville Sands Pool
202 Tangleflags McLaren Sand Pool
202 Tangleflags Waseca Sand Pool
208 Edam North Waseca Sand Pool
208 Edam North Sparky Sand Pool
208 Edam North Lloydminster Sand Pool
211 Pikes Peak Waseca Sand Pool
211 Pikes Peak Sparky Sand Pool
211 Pikes Peak G.P. Sand Pool
220 Lashburn South Waseca Sand Pool
220 Lashburn South Sparky Sand Pool
221 Celtic Waseca Sand Pool
221 Celtic Sparky Sand Pool
221 Celtic Mannville Sands Pool
221 Celtic G.P. Sand Pool
224 Freemont Waseca Sand Pool
224 Freemont Sparky Sand Pool
224 Freemont Mannville Sands Pool
229 Lloydminster Sparky Sand Pool
230 Dee Valley East Waseca Sand Pool
230 Dee Valley East Sparky Sand Pool
230 Dee Valley East Mannville Sands Pool
233 Mackin Sparky Sand Pool
234 Tangleflags North G.P. Sand Pool
234 Tangleflags N. Lloyd.-Cummings Sand Pool
244 Tangleflags West Sparky Sand Pool
244 Tangleflags West G.P. Sand Pool
244 Tangleflags West Lloyd. Sand Pool
244 Tangleflags West McLaren Sand Pool
244 Tangleflags West Mannville Sands Pool
251 Neilburg McLaren Sand Pool
251 Neilburg Colony Sand Pool
251 Neilburg Mannville Sands Pool
252 Buzzard Lloydminster Sand Pool
253 Northminster North Sparky Sand Pool
253 Northminster North G.P. Sand Pool
255 Baldwinton Sparky Sand Pool
256 Tangleflags East McLaren Sand Pool
257 Westhazel Sparky Sand Pool
257 Westhazel G.P. Sand Pool
257 Westhazel Mannville Sands Pool
257 Westhazel Waseca Sand Pool
259 Edam Waseca Sand Pool
260 Lashburn West Sparky Sand Pool
261 Marsden South Sparky Sand Pool
267 Senlac Lloydminster Sand Pool
269 Elevator Spinney Hill Sand Gas Pool
272 Rush Lake Waseca Sand Pool
272 Rush Lake Sparky Sand Pool
272 Rush Lake Mannville Sands Pool
272 Rush Lake G.P. Sand Pool
273 Madstone McLaren Sand Pool
273 Madstone Waseca Sand Pool
273 Madstone Mannville Sands Pool
279 Winter Cummings Sand Pool
286 Edam West Waseca Sand Pool
286 Edam West Sparky/G.P. Sand Pool
286 Edam West Mannville Sands Pool
312 Sail Lake Lloydminster Sand Pool
313 Tangleflags Second White Specks Gas Pool
313 Tangleflags St. Walburg Sand Gas Pool
313 Tangleflags Colony Sand Gas Pool
313 Tangleflags McLaren Sand Gas Pool
315 Manito Lake Sparky Sand Pool
328 Evesham North McLaren Sand Pool
328 Evesham North Sparky Sand Pool
328 Evesham North Mannville Sands Pool
330 Evesham Sparky Sand Pool
341 Ear Lake Waseca Sand Pool
354 Aberfeldy G.P. Sand Pool
360 Big Gully North Lloydminster Sand Pool
360 Big Gully North McLaren Sand Pool
360 Big Gully North Sparky Sand Pool
365 Hillmond Sparky Sand Pool
365 Hillmond G.P. Sand Pool
388 Manito Lake East McLaren Sand Pool
391 Spruce Lake Mannville Sand Gas Pool
395 Senlac Cummings-Dina Sand Pool
396 Senlac Waseca Sand Pool
399 Winter South Cummings Sand Pool
400 Long Lake Waseca Sand Pool
405 Marsden North Sparky Sand Pool
414 Eyehill North Cummings Sand Pool
414 Eyehill North Sparky Sand Pool
443 Carruthers Colony Sand Gas Pool
465 Soda Lake Cummings Sand Pool
491 Lloydminster North Colony Sand Gas Pool
496 Rutland Cummings-Dina Sand Pool
507 Lashburn McLaren Sand Gas Pool
513 Bolney Colony Sand Pool
521 Viscla Lloydminster Sand Pool
525 Rex Lloydminster Sand Pool
526 Hillmond Colony Sand Gas Pool
526 Hillmond Lloydminster Sand Gas Pool
529 Yonker Colony Sand Gas Pool
529 Yonker McLaren Sand Gas Pool
531 Hallam Colony Sand Gas Pool
531 Hallam Waseca Sand Gas Pool
535 Senlac McLaren Sand Gas Pool
535 Senlac Sparky Sand Gas Pool
549 Paradise Hill Colony Sand Gas Pool
549 Paradise Hill Waseca Sand Gas Pool
555 Dulwich East Sparky Sand Pool
555 Dulwich East G.P. Sand Pool
555 Dulwich East Rex Sand Pool
559 Mervyn Waseca Sand Pool
563 Buzzard North Waseca Sand Pool
563 Buzzard North Sparky Sand Pool
563 Buzzard North G.P. Sand Pool
563 Buzzard North Lloydminster Sand Pool
563 Buzzard North Mannville Sand Pool
568 Standard Hill North Waseca Sand Pool
568 Standard Hill North Sparky Sand Pool
568 Standard Hill North G.P. Sand Pool
568 Standard Hill North Rex Sand Pool
572 Turtleford Waseca Sand Pool
572 Turtleford Sparky Sand Pool
598 Carruthers Cummings Sand Pool
602 Drake Lake Colony Sand Gas Pool
624 Reward Waseca Sand Pool
638 Freemont West Sparky Sand Pool
639 Freemont South Colony Sand Pool
641 Standard Hill West McLaren Sand Pool
652 Big Gully East Sparky Sand Pool
655 Mervyn East Waseca Sand Pool
656 Mervyn South Waseca Sand Pool
657 Hillmond South Sparky Sand Pool
668 Mervyn Central Sparky Sand Pool
668 Mervyn Central Waseca Sand Pool
689 Senlac West Colony Sand Gas Pool
708 Hallam North Colony Sand Gas Pool
710 Eyehill Sparky Sand Pool

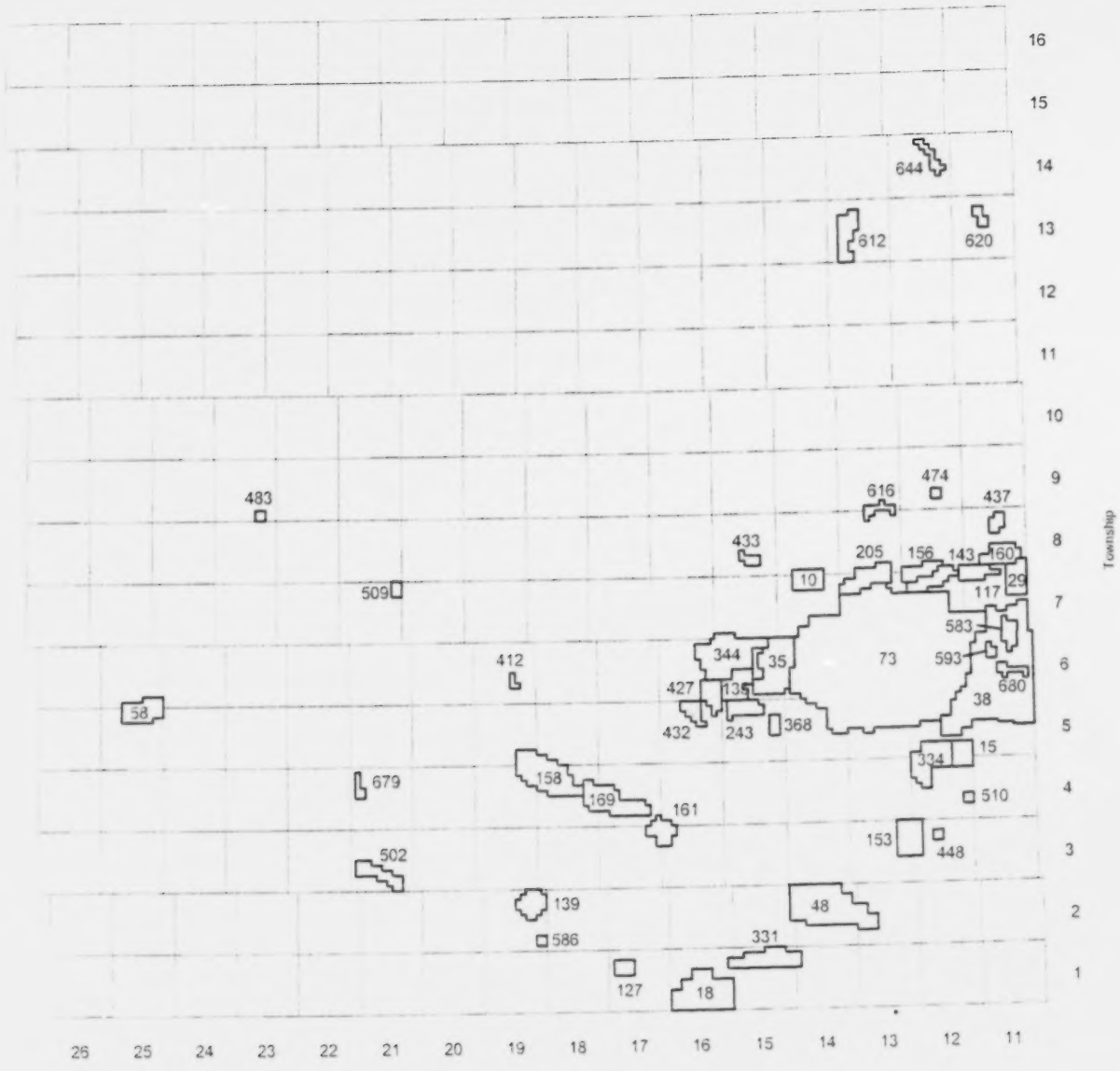


OIL & GAS POOLS - AREA II

25 Plover Lake McLaren Sand Pool
42 North Hoosier Bakken Sand Pool
43 North Hoosier Basal Mannville Sand Pool
60 Eureka Viking Pool
81 Milton Viking Sand Gas Pool
82 Whiteside Viking Sand Pool
83 Avon Hill Viking Pool
84 Coleville Bakken Sand Pool
84 Coleville Mannville Sand Pool
85 Buffalo Coulee Bakken Sand Pool
86 Hoosier Viking Gas Pool
87 Coleville-Smiley Viking Gas Pool
88 Smiley-Dewar Viking Pool
101 Dodsland Viking Sand Pool
113 Brock Viking Sand Gas Pool
134 Whiteside Ribstone Creek Sand Gas Pool
135 Bayhurst Viking Gas Pool
154 Plato Viking Pool
166 Assask Basal Mannville Sand Pool
184 Dodsland North Viking Gas Pool
185 Lucky Hills Viking Pool
186 Tolnes Viking Gas Pool
192 Sheehan Viking Gas Pool
194 Seddon Viking Gas Pool
195 Bayhurst West Viking Gas Pool
198 Brock East Viking Gas Pool
206 Hoosier Bakken Sand Pool
207 Fusilier Bakken Sand Pool
210 Loverna Success Pool
212 Marengo Viking Gas Pool
242 Cactus Lake Basal Mannville-Bakken Sand Pool
262 Plato North Viking Pool
263 Whiteside West Viking Sand Gas Pool
264 Druid Mannville Sands Pool
265 Buffalo Coulee North Bakken Sand Pool
266 Plover Lake Bakken Sand Pool
294 Cosine Lake Lloydminster Sand Pool
298 Hearts Hill Bakken Sand Pool
300 Coleville South Bakken Sand Pool
300 Coleville South Mannville Sand Pool
303 North Smiley Bakken Sand Pool
304 Lucseland Bakken Sand Pool
306 Court Bakken Sand Pool
307 Kernobert Viking Sand Pool
325 Forgan Viking Sand Pool
326 Whiteside West Ribstone Creek Sand Gas Pool
337 Prairiedale Viking Sand Pool
346 Driver Mannville Sand Gas Pool
346 Driver Bakken Sand Gas Pool
350 Loverna South Viking Gas Pool
350 Loverna South Bakken Sand Gas Pool
352 Loverna North Mannville Sand Gas Pool
352 Loverna North Bakken Sand Gas Pool
355 Loverna West Bakken Sand Gas Pool
357 Verendrye Viking Sand Pool
379 Plenty Viking Sand Pool
380 Superb Bakken Sand Gas Pool
390 Verendrye North Viking Sand Gas Pool
398 Steward Basal Mannville Sand Pool
403 Cactus Lake North McLaren Sand Pool
416 Kindersley Viking Gas Pool
419 Marengo South Basal Mannville Sand Pool
421 Forgan West Viking Sand Pool
464 Coleville South Success Pool
466 Primate Mannville Sand Gas Pool
467 Salvador Mannville Sand Gas Pool
498 Lucseland Viking Sand Gas Pool
517 Court South Bakken Sand Pool
523 Maitland North Basal Mannville Sand Pool
523 Milton Bakken Sand Pool
528 Ermine Mannville Sands Pool
548 Prairiedale East Viking Gas Pool
552 Maitland East Basal Mannville Sand Pool
577 Plover Lake East Bakken Sand Pool
589 Superb North Waseca Sand Pool
592 Milton South Bakken Sand Pool
592 Milton South Success Pool
597 Plover Lake West Bakken Sand Pool
600 Coleville West Bakken Sand Pool
605 Kernobert Mannville Sand Pool
606 Kernobert North Mannville Sand Pool
617 Smiley Bakken Sand Pool
618 Court North Bakken Sand Pool
621 Plover Lake South Bakken Sand Pool
623 Court West Bakken Sand Pool
625 Lucseland Mannville Sand Pool
628 Cactus Lake East Bakken Sand Pool
642 Fusilier North Bakken Sand Pool
646 Hoosier South Bakken Sand Gas Pool
654 Superb Waseca Sand Pool
677 Kindersley South Viking Sand Gas Pool
686 Cuthbert Basal Mannville Sand Pool
687 Lacadena Milk River Gas Pool
691 Abbey North Milk River Gas Pool
698 Abbey East Milk River Gas Pool



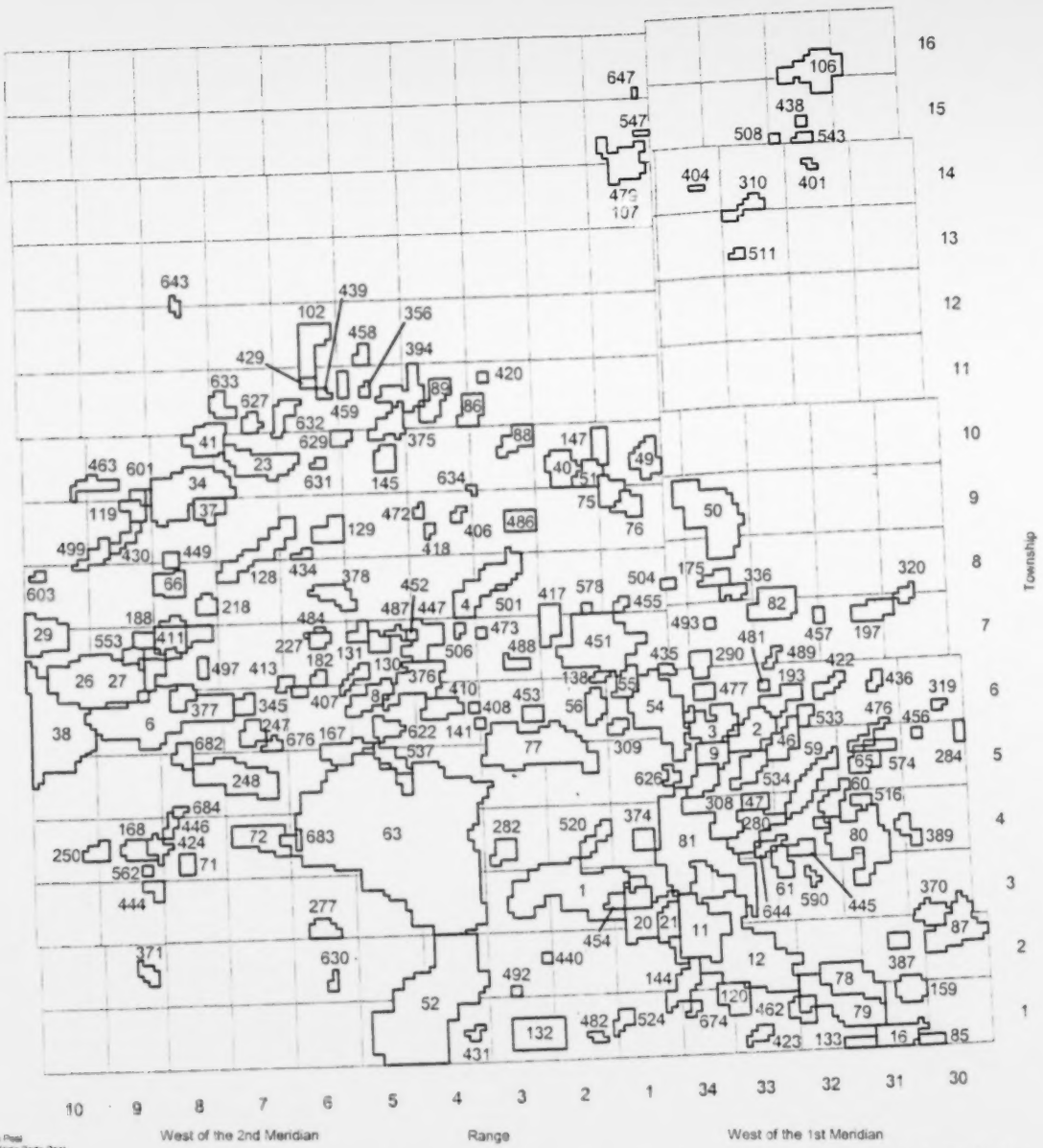
OIL & GAS POOLS - AREA III



OIL & GAS POOLS - AREA IV - WEST HALF

10 Ralph West Midale Beds Pool
15 Elswick East Midale Beds Pool
16 Pat Lake Ratcliffe Beds Pool
29 Innes Frobisher Beds Pool
35 Lougheed Midale Beds Pool
58 Midale Central Frobisher Beds Pool
66 Midale Central Midale Beds Pool
48 Dungra Ratcliffe Beds Pool
58 Roncott Bakken Sand Pool
73 Weyburn Frobisher Beds Pool
73 Weyburn Midale Beds Pool
117 West Innes Frobisher Beds Pool
127 Lake Alma Ratcliffe Beds Pool
135 Talagwa Central Midale Beds Pool
139 Hummingbird Birdbear Pool
139 Hummingbird Ratcliffe Beds Pool
139 Hummingbird Bakken Sand Pool
143 Hume Frobisher Beds Pool
153 Bromhead Midale Beds Pool
156 Hume Midale Beds Pool
158 Freda Lake Ratcliffe Beds Pool
160 Griffin Frobisher Beds Pool
161 Neptune Ratcliffe Beds Pool
169 Skinner Lake Ratcliffe Beds Pool
205 Ralph Midale Beds Pool
243 Talagwa Midale Beds Pool

331 Hoffer Ratcliffe Beds Pool
334 Elswick Midale Beds Pool
344 Talagwa North Midale Beds Pool
368 Colgate Midale Beds Pool
412 Ceylon Bakken Sand Pool
427 Talagwa West Midale Beds Pool
432 Neptune North Midale Beds Pool
433 Union Jack Midale Beds Pool
437 Griffin North Frobisher Beds Pool
448 Bromhead East Red River Pool
474 Brough Frobisher Beds Pool
483 Daninda Madison Pool
502 Minton Red River Pool
502 Minton Winnipegosis Pool
509 Amulet Ratcliffe Beds Pool
510 Elswick South Midale Beds Pool
583 Midale Red River Pool
586 Hummingbird South Bakken Sand Pool
586 Hummingbird South Ratcliffe Beds Pool
593 Midale West Red River Pool
612 Tyvan Red River Pool
616 Mansur Red River Pool
620 Montmartre Red River Pool
644 Chapleau Lake Red River Pool
679 Hardy South Red River Pool
680 Midale South Red River Pool



OIL & GAS POOLS - AREA IV - EAST HALF

1 Alameda Midale Beds Pool
2 Alida East Frobisher-Alida Beds Pool
3 Alida West Frobisher-Alida Beds Pool
4 Arcola Frobisher-Alida Beds Pool
5 Benson Midale Beds Pool
6 Browning Frobisher-Alida Beds Pool
7 Cantal Frobisher-Alida Beds Pool
11 Carnduff Frobisher Beds Pool
12 Carnduff Midale Beds Pool
15 Elmore Frobisher Beds Pool
16 Elmore Midale Beds Pool
20 Glen Ewen Frobisher Beds Pool
21 Glen Ewen Midale Beds Pool
23 Handsworth Alida Beds Pool
26 Huntoon Midale Beds Pool
27 Huntoon Frobisher Beds Pool
29 Inners Frobisher Beds Pool
34 Lost Horse Hill Frobisher-Alida Beds Pool
37 Melrose Frobisher-Alida Beds Pool
38 Midale Centre Frobisher Beds Pool
39 Midale Centre Midale Beds Pool
40 Moose Mountain Tilston Beds Pool
41 North Handsworth Alida Beds Pool
45 Nottingham Alida Beds Pool
47 Oakley Frobisher Beds Pool
48 Paxman Souris Valley Beds Pool
50 Paxman Tilston-Souris Valley Beds Pool
51 Parkman Tilston Beds Pool
52 Pinto Frobisher Beds Pool
53 Pinto Midale Beds Pool
54 Queensdale East Frobisher-Alida Beds Pool
55 Queensdale North Alida Beds Pool
56 Queensdale West Alida Beds Pool
59 Rosebank Alida Beds Pool
60 Rosebank South Alida Beds Pool
61 Silverton Frobisher Beds Pool
63 Steelman Frobisher Beds Pool
64 Steelman Midale Beds Pool
65 Northoaks Alida Beds Pool
66 Stoughton Frobisher-Alida Beds Pool
71 Vera Hill Midale Beds Pool
72 West Kingsford Midale Beds Pool
75 White Bear Tilston Beds Pool
76 White Bear Tilston-Souris Valley Beds Pool
77 Wilmar Frobisher-Alida Beds Pool
78 Workman Frobisher Beds Pool
79 Workman Midale Beds Pool
86 Ingoldsby Frobisher-Alida Beds Pool
91 Hastings Frobisher Beds Pool
92 Lightning Tilston Beds Pool
95 North Antler Midale Beds Pool
96 South Petwade Tilston Beds Pool
97 Gainsborough Frobisher-Alida Beds Pool
98 Kenosee Tilston Beds Pool
99 Hazelwood Tilston Beds Pool
102 Moose Valley Tilston Beds Pool
106 Rocanville Bakken Sand Pool
107 Wapella Sand Pool
110 Hartaven Frobisher-Alida Beds Pool
120 Souris Flat Frobisher Beds Pool
128 Pressplains Frobisher-Alida Beds Pool
129 Star Valley Frobisher-Alida Beds Pool
130 Clanlaw Frobisher-Alida Beds Pool
131 Clanlaw West Frobisher-Alida Beds Pool
132 Northgate Frobisher Beds Pool
133 Sherwood Frobisher-Alida Beds Pool
138 Wildwood Alida Beds Pool
141 Daleboro Frobisher-Alida Beds Pool
144 Florence Frobisher Beds Pool
145 Kermaey Alida Beds Pool
147 Crystal Hill Souris Valley Beds Pool
158 Winmore Frobisher Beds Pool
167 West Hill Frobisher Beds Pool
168 Macoun Midale Beds Pool
175 Parkman South Tilston-Souris Valley Beds Pool
182 Morrisview Frobisher-Alida Beds Pool
189 Viewfield Frobisher Beds Pool
193 Edenvale Tilston Beds Pool
197 Frys Tilston-Souris Valley Beds Pool
218 Stoughton South Frobisher Beds Pool
227 Kisbey Birdtail Pool
247 Minard Midale Beds Pool
248 Bryant Midale Beds Pool
248 Bryant Frobisher Beds Pool
290 Macoun West Midale Beds Pool
277 Benfait Midale Beds Pool
280 Hastings East Frobisher Beds Pool
282 Alameda West Midale Beds Pool
282 Alameda West Frobisher Beds Pool
284 Fertile Tilston Beds Pool
290 Wauchope Alida-Tilston Beds Pool
309 Cantal South Frobisher-Alida Beds Pool
309 Auburnton Frobisher-Alida Beds Pool
310 Red Jacket Sand Pool
310 Red Jacket Gravelbourg Pool
319 Fertile Tilston-Souris Valley Beds Pool
320 Frys East Tilston-Souris Valley Beds Pool
338 Wauchope North Tilston Beds Pool
345 Benson East Midale Beds Pool
368 Hazelwood West Tilston Beds Pool
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B-3	655	Mervin East Waseca Sand Pool
B-3	656	Mervin South Waseca Sand Pool
B-3	559	Mervin Waseca Sand Pool
B-6, B-7	38	Midale Central Frobisher Beds Pool
B-6, B-7	38	Midale Central Midale Beds Pool
B-6	583	Midale Red River Pool
B-6	680	Midale South Red River Pool
B-6	593	Midale West Red River Pool
B-4	523	Milton Bakken Sand Pool
B-4	592	Milton South Bakken Sand Pool
B-4	592	Milton South Success Pool
B-4	91	Milton Viking Sand Gas Pool
B-7	247	Minard Midale Beds Pool
B-7	676	Minard South Frobisher Beds Pool
B-6	502	Minton Red River Pool
B-6	502	Minton Winnipegosis Pool
B-5	580	Monchy Second White Specks Gas Pool
B-6	620	Montmartre Red River Pool
B-7	40	Moose Mountain Tilston Beds Pool
B-7	429	Moose Valley South Tilston Beds Pool
B-7	102	Moose Valley Tilston Beds Pool
B-7	401	Moosomin Red Jacket Sand Pool
B-7	182	Morrisview Frobisher-Alida Beds Pool
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B-2	441	Mudie Lake Colony Sand Gas Pool
B-2	709	Mudie Lake North Colony Sand Gas Pool
B-3	251	Neilburg Colony Sand Pool
B-3	251	Neilburg Mannville Sands Pool
B-3	251	Neilburg McLaren Sand Pool
B-6	432	Neptune North Midale Beds Pool
B-6	161	Neptune Ratcliffe Beds Pool
B-7	85	North Antler Midale Beds Pool
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B-4	43	North Hoosier Basal Mannville Sand Pool
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POOL LOCATION GUIDE AND MAP INDEX

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B-7	132	Northgate Midale Beds Pool
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B-3	253	Northminster North Sparky Sand Pool
B-3	109	Northminster Sparky Sand Pool
B-7	46	Nottingham Alida Beds Pool
B-7	533	Nottingham East Tilston Beds Pool
B-7	422	Nottingham North Tilston Beds Pool
B-7	534	Nottingham South Frobisher-Alida Beds Pool
B-5	340	Notukeu Upper Shaunavon Pool
B-7	47	Oakley Frobisher Beds Pool
B-4	398	Onward Basal Mannville Sand Pool
B-7	440	Openshaw Frobisher Beds Pool
B-6	48	Oungre Ratcliffe Beds Pool
B-7	454	Oxbow Frobisher Beds Pool
B-2, B-3	549	Paradise Hill Colony Sand Gas Pool
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B-7	49	Parkman Souris Valley Beds Pool
B-7	175	Parkman South Tilston-Souris Valley Beds
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B-7	50	Parkman Tilston-Souris Valley Beds Pool
B-2	209	Peck Lake Colony Sand Gas Pool
B-2	670	Peck Lake North SWS Gas Pool
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B-5	165	Pennant Upper Shaunavon Pool
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B-3	211	Pikes Peak G.P. Sand Pool
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B-7	492	Pinto East Midale Beds Pool
B-7	52	Pinto Frobisher Beds Pool
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B-4	262	Plato North Viking Pool
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B-4	337	Prairiedale Viking Sand Pool
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B-2	485	Primrose Lake Mannville Sand Gas Pool
B-2	512	Primrose Lake East Mannville Sand Gas Pool
B-7	54	Queensdale East Frobisher-Alida Beds Pool
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B-7	505	Queensdale West Lower Watrous Pool
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B-7	590	Silverton East Frobisher Beds Pool
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B-7	445	Silverton North Frobisher Beds Pool
B-7	644	Silverton West Frobisher-Alida Beds Pool
B-6	189	Skinner Lake Ratcliffe Beds Pool
B-4	617	Smiley Bakken Sand Pool
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B-2, B-3	391	Spruce Lake Mannville Sand Gas Pool
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B-3	568	Standard Hill North G.P. Sand Pool
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B-3	568	Standard Hill North Waseca Sand Pool
B-3	199	Standard Hill Waseca Sand Pool
B-3	641	Standard Hill West McLaren Sand Pool
B-7	129	Star Valley Frobisher-Alida Beds Pool
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B-7	63	Steelman Frobisher Beds Pool
B-7	63	Steelman Midale Beds Pool
B-7	683	Steelman South Winnipegosis Pool
B-7	537	Steelman Winnipegosis Pool
B-7	65	Storthoaks Alida Beds Pool
B-7	574	Storthoaks Tilston Beds Pool
B-7	456	Storthoaks East Tilston Beds Pool
B-7	476	Storthoaks North Tilston Beds Pool
B-7	66	Stoughton Frobisher-Alida Beds Pool
B-7	449	Stoughton North Frobisher Beds Pool
B-7	218	Stoughton South Frobisher Beds Pool
B-5	268	Success North Roseray Sand Pool
B-5	67	Success Roseray Sand Pool Alpha Pool
B-5	579	Suffield Basal Cantuar Sand Pool
B-5	69	Suffield Roseray Sand Pool
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B-4	380	Superb Bakken Sand Gas Pool
B-4	589	Superb North Waseca Sand Gas Pool
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B-7	371	Tableland Winnipegosis Pool
B-3	313	Tangleflags Colony Sand Gas Pool
B-3	256	Tangleflags East McLaren Sand Pool
B-3	202	Tangleflags G.P. Sand Pool
B-3	202	Tangleflags Lloydminster Sand Pool
B-3	202	Tangleflags Mannville Sands Pool
B-3	313	Tangleflags McLaren Sand Gas Pool
B-3	202	Tangleflags McLaren Sand Pool
B-3	234	Tangleflags North G.P. Sand Pool
B-3	235	Tangleflags N. Lloyd.-Cummings Sand Pool
B-3	313	Tangleflags Second White Specks Gas Pool
B-3	202	Tangleflags Sparky Sand Pool
B-3	313	Tangleflags St. Walburg Sand Gas Pool
B-3	202	Tangleflags Waseca Sand Pool
B-3	244	Tangleflags West G.P. Sand Pool
B-3	244	Tangleflags West Lloyd. Sand Pool
B-3	244	Tangleflags West Mannville Sands Pool
B-3	244	Tangleflags West McLaren Sand Pool
B-3	244	Tangleflags West Sparky Sand Pool
B-6	135	Tatagwa Central Midale Beds Pool
B-6	243	Tatagwa Midale Beds Pool
B-6	344	Tatagwa North Midale Beds Pool
B-6	427	Tatagwa West Midale Beds Pool

Map	Pool	Pool Name
B-7	630	Taylorton Midale Beds Pool
B-7	472	Thirty Lake Alida Beds Pool
B-5	700	Tompkins Milk River Gas Pool
B-4	186	Totnes Viking Gas Pool
B-3	572	Turtleford Sparky Sand Pool
B-3	572	Turtleford Waseca Sand Pool
B-6	612	Tyvan Red River Pool
B-6	433	Union Jack Midale Beds Pool
B-3	122	Unity South Sparky Sand Gas Pool
B-3	122	Unity South Unity Sand Gas Pool
B-3	122	Unity South Viking Sand Gas Pool
B-4	390	Verendrye North Viking Sand Gas Pool
B-4	387	Verendrye Viking Sand Pool
B-5	70	Verlo Roseray Sand Pool
B-5	607	Vidora Bear Paw-Belly River Sand Gas Pool
B-5	607	Vidora Bear Paw Sand Gas Pool
B-5	607	Vidora Belly River Sand Gas Pool
B-7	71	View Hill Midale Beds Pool
B-7	497	Viewfield East Frobisher Beds Pool
B-7	188	Viewfield Frobisher Beds Pool
B-7	411	Viewfield Rim Pool
B-7	547	Wapella Red Jacket Sand Pool
B-7	107	Wapella Sand Pool
B-7	479	Wapella Mannville Sand Pool
B-7	145	Warmley Alida Beds Pool
B-7	290	Wauchope Alida-Tilston Beds Pool
B-7	493	Wauchope Central Tilston Beds Pool
B-7	336	Wauchope North Tilston Beds Pool
B-7	477	Wauchope South Alida Beds Pool
B-7	435	Wauchope West Alida Beds Pool
B-5	518	Webb Cantuar Sand Pool
B-5	545	Webb South Cantuar Sand Pool
B-5	588	Webb West Cantuar Sand Pool
B-7	167	Weir Hill Frobisher Beds Pool
B-7	438	Welwyn Bakken Sand Pool
B-7	508	Welwyn Red Jacket Pool
B-7	543	Welwyn South Bakken Sand Pool
B-6	117	West Innes Frobisher Beds Pool
B-7	72	West Kingsford Midale Beds Pool
B-3	257	Westhazel G.P. Sand Pool
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B-3	257	Westhazel Sparky Sand Pool
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B-6	73	Weyburn Frobisher Beds Pool
B-6	73	Weyburn Midale Beds Pool
B-5	382	Wheat Valley Cantuar Sand Gas Pool
B-2	392	Whelan Mannville Sand Gas Pool
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B-7	76	White Bear Tilston-Souris Valley Beds Pool
B-5	124	Whitemud Shaunavon Pool
B-4	134	Whiteside Ribstone Creek Sand Gas Pool
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B-4	263	Whiteside West Viking Sand Gas Pool
B-7	138	Wildwood Alida Beds Pool
B-7	77	Willmar Frobisher-Alida Beds Pool
B-7	453	Willmar North Frobisher-Alida Beds Pool
B-7	410	Willmar West Frobisher Beds Pool
B-7	159	Winmore Frobisher Beds Pool
B-3	279	Winter Cummings Sand Pool
B-3	399	Winter South Cummings Sand Pool
B-7	488	Wordsworth East Frobisher Beds Pool
B-7	376	Wordsworth Frobisher-Alida Beds Pool
B-7	506	Wordsworth North Frobisher-Alida Beds Pool
B-7	78	Workman Frobisher Beds Pool
B-7	79	Workman Midale Beds Pool
B-7	462	Workman South Frobisher Beds Pool
B-5	604	Wymark Second White Specks Gas Pool
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B-3	529	Yonker McLaren Sand Gas Pool

RESERVOIR DATA

RESERVES AND

PRODUCTION – OIL

FIVE YEAR OIL SUMMARY

	1998	1999	2000	2001	2002
INITIAL ESTABLISHED RESERVES (Million Cubic Metres)					
Area I - Heavy	134.651	146.733	163.742	171.864	186.115
Area II - Heavy	62.798	62.687	68.678	68.858	69.607
Area II - Light	30.405	30.714	31.209	31.581	32.441
Area III - Medium	133.845	137.231	139.291	140.106	141.580
Area IV - Medium	146.443	147.920	154.744	166.045	168.571
Area IV - Light	194.639	196.256	200.874	204.746	207.302
PROVINCIAL TOTAL	702.781	721.541	758.538	783.200	805.616
REMAINING ESTABLISHED RESERVES (Million Cubic Metres)					
Area I - Heavy	46.716	52.594	61.294	60.079	64.654
Area II - Heavy	30.675	27.305	30.270	27.428	25.538
Area II - Light	4.788	4.523	4.459	4.274	4.567
Area III - Medium	26.769	26.738	25.474	23.213	21.845
Area IV - Medium	32.543	29.943	31.493	38.621	36.849
Area IV - Light	34.544	31.931	32.189	31.973	30.191
PROVINCIAL TOTAL	176.035	173.034	185.179	185.588	183.644
YEARLY PRODUCTION (Million Cubic Metres)					
Area I - Heavy	5.817	6.200	8.427	9.216	9.673
Area II - Heavy	3.558	3.182	3.155	3.001	2.642
Area II - Light	0.673	0.573	0.559	0.558	0.567
Area III - Medium	3.354	3.250	3.324	3.078	2.858
Area IV - Medium	4.350	3.860	3.992	4.203	4.295
Area IV - Light	5.393	4.682	4.788	4.692	4.342
PROVINCIAL TOTAL	23.145	21.748	24.245	24.748	24.377
NUMBER OF PRODUCING WELLS IN DECEMBER					
Area I - Heavy	2 767	3 576	4 058	4 154	4 752
Area II - Heavy	1 273	1 530	1 661	1 655	1 670
Area II - Light	4 606	4 778	4 882	5 044	5 150
Area III - Medium	1 690	1 876	1 909	1 800	1 900
Area IV - Medium	2 723	2 838	2 924	3 052	3 040
Area IV - Light	4 214	4 381	4 691	4 871	4 969
PROVINCIAL TOTAL	17 273	18 979	20 125	20 576	21 481
AVERAGE DECEMBER PRODUCTION (Cubic Metres Per Day)					
Area I - Heavy	15 451	20 542	25 156	25 387	28 659
Area II - Heavy	9 528	8 703	8 568	7 965	7 396
Area II - Light	1 707	1 576	1 550	1 615	1 595
Area III - Medium	8 940	9 530	8 971	8 100	7 711
Area IV - Medium	11 086	10 498	10 602	13 786	10 966
Area IV - Light	13 699	13 570	13 132	11 744	12 719
PROVINCIAL TOTAL	60 411	64 419	67 979	68 597	69 046

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2002	DEV.	NET	AVE.	AVE. CONN.	FORM.	OIL	PROD.		
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/02	RESERVES	PROD.	AREA	PAY	POR.	WATER	VOLUME	DENSITY	DEPTH	SYSTEM	DISC. YEAR
		1000000 m3		%				1000000 m3			1000 m3	ha	m		%	FACTOR	KG/m3	m		
AREA 1H																				
MISCELLANEOUS	BIRDBEAR	0.084	22.00	0.00	22.00	0.018	0.000	0.018	0.013	0.006	1.232	49	3.00	10.0	40.0	1.053			CRE	
	COLONY SAND	21.160	9.00	0.00	9.00	1.904	0.000	1.904	0.569	1.335	131.441	1935	4.70	35.0	30.0	1.053			CRE	
	CUMMINGS SAND	9.554	2.60	0.00	2.60	0.248	0.000	0.248	0.068	0.181	18.675	696	5.90	35.0	30.0	1.053			CRE	
	CUMMINGS-DINA SAND	1.268	0.33	0.00	0.33	0.004	0.000	0.004	0.004	0.000	0.000	49	10.00	33.0	20.0	1.020			CRE	
	DINA SAND	1.918	0.29	0.00	0.29	0.006	0.000	0.006	0.005	0.001	0.791	97	8.50	35.0	30.0	1.053			CRE	
	G.P. SAND	38.398	5.41	0.00	5.41	2.077	0.000	2.077	1.162	0.915	141.368	2947	5.60	35.0	30.0	1.053			CRE	
	LLOYDMINSTER SAND	47.192	3.20	0.00	3.20	1.510	0.000	1.510	0.734	0.777	141.298	2279	8.90	35.0	30.0	1.053			CRE	
	MANNVILLE SAND	0.581	2.60	0.00	2.60	0.015	0.000	0.015	0.010	0.005	0.624	32	7.80	35.0	30.0	1.053			CRE	
	MANNVILLE SANDS (COMMINGLED)	50.939	2.17	0.00	2.17	1.105	0.000	1.105	0.592	0.513	90.104	2234	9.80	35.0	30.0	1.053			CRE	
	MCLAREN SAND	37.495	3.50	0.00	3.50	1.312	0.000	1.312	0.792	0.520	158.114	3837	4.20	35.0	30.0	1.053			CRE	
	REX SAND	3.778	2.10	0.00	2.10	0.079	0.000	0.079	0.055	0.025	3.017	396	4.10	35.0	30.0	1.053			CRE	
	SPARKY SAND	70.639	8.90	0.00	8.90	6.287	0.000	6.287	1.462	4.825	444.510	7405	4.10	35.0	30.0	1.053			CRE	
	WASECA SAND	41.610	6.70	0.00	6.70	2.788	0.000	2.788	1.216	1.572	238.122	4258	4.20	35.0	30.0	1.053			CRE	
ABERFELDY	G.P. SAND (NON-UNIT)	1.646	2.35	2.02	4.37	0.039	0.033	0.072	0.068	0.004	2.251	194	4.27	28.0	27.6	1.020	968	537	CRE	1981
	SPARKY SAND (NON-UNIT)	15.183	4.54	0.00	4.54	0.689	0.000	0.689	0.566	0.123	15.833	922	5.50	35.0	13.0	1.017	968	535	CRE	1956
	SPARKY SAND (S. ABFDY SPKY VOL UNIT)	23.605	6.17	0.89	7.07	1.456	0.211	1.668	1.661	0.007	1.605	1522	5.18	35.0	13.0	1.017	968	535	CRE	1956
	SPARKY SAND (UNIT)	55.702	7.90	1.87	9.77	4.400	1.042	5.443	5.438	0.004	1.315	4209	4.42	35.0	13.0	1.017	968	535	CRE	1956
BALDWINTON	SPARKY SAND	8.453	37.00	0.00	37.00	3.128	0.000	3.128	1.193	1.935	443.066	1376	3.90	25.0	30.0	1.111	978	599	CRE	1969
BIG GULLY	MCLAREN SAND (NON-UNIT)	1.043	3.90	0.00	3.90	0.041	0.000	0.041	0.041	0.000	0.147	97	3.59	36.0	15.3	1.018	981	496	CRE	1962
	MCLAREN SAND (VOLUNTARY UNIT NO. 1)	9.860	5.70	3.59	9.29	0.562	0.354	0.916	0.881	0.035	10.881	1101	2.99	36.0	15.3	1.018	965	496	CRE	1962
	SPARKY SAND (NON-UNIT)	6.804	17.30	0.00	17.30	1.177	0.000	1.177	0.415	0.762	84.290	631	3.60	36.0	15.3	1.018	964	521	CRE	1964
	WASECA SAND (NON-UNIT)	0.702	8.30	0.00	8.30	0.058	0.000	0.058	0.030	0.028	3.757	32	7.32	36.0	15.3	1.018	972	479	CRE	1962
	WASECA SAND (VOLUNTARY UNIT NO. 1)	3.693	1.40	1.90	3.30	0.052	0.070	0.122	0.085	0.037	5.393	518	2.38	36.0	15.3	1.018	965	479	CRE	1962
BIG GULLY EAST	SPARKY SAND	7.247	8.10	0.00	8.10	0.587	0.000	0.587	0.263	0.324	55.746	599	5.20	35.0	30.0	1.053	978	510	CRE	1973
BIG GULLY NORTH	LLOYDMINSTER SAND	2.591	1.49	0.00	1.49	0.039	0.000	0.039	0.033	0.006	0.661	194	5.56	35.0	30.0	1.020	975	542	CRE	1973
	MCLAREN (NON-UNIT)	0.869	8.20	0.00	8.20	0.071	0.000	0.071	0.020	0.051	6.834	113	3.20	35.0	30.0	1.020	981	452	CRE	1977
	SPARKY SAND (NON-UNIT)	4.578	16.50	0.00	16.50	0.755	0.000	0.755	0.196	0.559	85.432	389	4.90	35.0	30.0	1.020	975	492	CRE	1969
BOLNEY	COLONY SAND	13.434	3.50	23.70	27.20	0.470	3.184	3.654	1.172	2.482	153.227	421	16.00	30.0	30.0	1.053	980	465	CRE	1995
BUZZARD	LLOYDMINSTER SAND	4.823	7.25	0.00	7.25	0.350	0.000	0.350	0.317	0.032	8.342	745	4.11	25.0	30.0	1.111	971	579	CRE	1978
BUZZARD NORTH	G.P. SAND	0.331	2.30	0.00	2.30	0.008	0.000	0.008	0.008	0.000	0.000	65	2.30	30.0	25.0	1.015	985	560	CRE	1973
	LLOYDMINSTER SAND	0.307	12.50	0.00	12.50	0.038	0.000	0.038	0.022	0.016	3.816	65	2.13	30.0	25.0	1.015	985	585	CRE	1973
	SPARKY SAND	1.134	21.00	0.00	21.00	0.238	0.000	0.238	0.139	0.099	40.183	178	2.80	30.8	25.0	1.015	985	545	CRE	1973
	WASECA SAND	0.292	0.60	0.00	0.60	0.002	0.000	0.002	0.002	0.000	0.000	32	4.75	30.0	35.0	1.015	985	530	CRE	1973
CARRUTHERS	CUMMINGS SAND	17.671	8.05	0.00	8.05	1.423	0.000	1.423	0.926	0.496	176.797	1846	4.80	30.0	30.0	1.053	985	640	CRE	1980
CELTIC	G.P. SAND	28.079	6.45	6.25	12.70	1.811	1.755	3.566	1.473	2.093	98.888	1197	6.30	35.0	31.0	1.030	985	477	CRE	1968
	SPARKY SAND	45.526	5.00	0.00	5.00	2.276	0.000	2.276	1.292	0.985	64.410	2105	5.54	35.0	24.0	1.008	975	463	CRE	1968
	WASECA SAND	120.140	2.50	2.20	4.70	3.004	2.643	5.647	3.588	2.058	315.161	5286	8.00	35.0	24.0	1.008	968	451	CRE	1968
DEE VALLEY	WASECA SAND	21.499	13.30	0.00	13.30	2.859	0.000	2.859	1.151	1.709	100.860	1441	3.80	35.0	16.0	1.015	976	460	CRE	1967

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
DEE VALLEY EAST	SPARKY SAND	20 771	8 10	0 00	8 10	1 682	0 000	1 682	0 291	1 391	60 259	970	4 45	35 0	16 0	1 015	969	490	CRE	1968
	WASECA SAND	15 551	11 80	0 00	11 80	1 835	0 000	1 835	0 479	1 356	66 617	923	3 80	35 0	16 0	1 015	971	464	CRE	1970
DEE VALLEY SOUTH	WASECA SAND	0 562	28 00	0 00	28 00	0 157	0 000	0 157	0 044	0 113	11 378	65	4 50	30 0	35 0	1 015	972	485	CRE	1996
DULWICH	G P SAND	0 330	6 50	0 00	6 50	0 021	0 000	0 021	0 008	0 014	4 330	49	3 50	28 0	30 0	1 020	965	570	CRE	1984
	SPARKY SAND	13 071	8 00	7 09	15 09	1 046	0 927	1 972	1 789	0 184	15 977	1623	3 11	34 0	15 0	1 116	962	556	CRE	1948
DULWICH EAST	G P SAND	3 138	5 50	0 00	5 50	0 173	0 000	0 173	0 125	0 048	9 029	146	8 30	34 0	15 0	1 116	960	560	CRE	1972
	REX SAND	2 060	0 85	0 00	0 85	0 018	0 000	0 018	0 016	0 001	0 161	97	8 20	34 0	15 0	1 116	960	570	CRE	1972
	SPARKY SAND	1 668	6 40	0 00	6 40	0 107	0 000	0 107	0 097	0 010	1 751	97	6 64	34 0	15 0	1 116	960	550	CRE	1972
DULWICH NORTH	SPARKY SAND (N DULWICH VOL UNIT)	1 341	4 50	11 65	16 15	0 060	0 156	0 217	0 216	0 000	0 000	113	3 96	35 0	13 0	1 016	957	551	CRE	1954
	SPARKY SAND (NON UNIT)	0 585	1 10	0 00	1 10	0 006	0 000	0 006	0 006	0 000	0 000	32	6 10	35 0	13 0	1 016	957	551	CRE	1954
EAR LAKE	WASECA SAND	1 143	4 95	0 00	4 95	0 057	0 000	0 057	0 057	0 000	0 000	178	2 91	35 0	30 0	1 110	977	656	CRE	1979
EDAM	WASECA SAND	31 472	10 20	0 00	10 20	3 210	0 000	3 210	1 693	1 517	118 682	2072	6 25	27 0	30 0	1 111	988	431	CRE	1972
EDAM NORTH	LLOYDMINSTER SAND	0 811	7 45	0 00	7 45	0 060	0 000	0 060	0 056	0 004	1 229	130	3 00	33 0	30 0	1 111	980	505	CRE	1980
	SPARKY SAND	0 232	10 80	0 00	10 80	0 025	0 000	0 025	0 012	0 013	3 350	49	3 00	29 0	30 0	1 111	980	460	CRE	1980
	WASECA SAND	10 678	9 60	0 00	9 60	1 025	0 000	1 025	0 928	0 097	28 204	1279	5 30	25 0	30 0	1 111	988	444	CRE	1980
EDAM WEST	SPARKY/G P SAND	21 498	12 45	0 00	12 45	2 676	0 000	2 676	2 250	0 427	88 756	1930	5 50	30 0	25 0	1 111	973	467	CRE	1982
	WASECA SAND	19 053	12 75	0 00	12 75	2 429	0 000	2 429	2 063	0 367	52 242	2727	3 45	30 0	25 0	1 111	978	447	CRE	1982
EPPING	G P SAND (NON UNIT)	18 128	4 78	0 00	4 78	0 867	0 000	0 867	0 690	0 177	34 966	1652	3 90	35 0	18 0	1 020	962	563	CRE	1951
	G P SAND (SOUTH EPPING UNIT)	4 310	3 00	7 10	10 10	0 129	0 306	0 435	0 415	0 020	5 000	1473	1 04	35 0	18 0	1 020	962	583	CRE	1951
	SPARKY SAND (NON UNIT)	56 945	6 00	0 00	6 00	3 417	0 000	3 417	2 596	0 821	159 132	3614	5 60	35 0	18 0	1 020	968	563	CRE	1951
	SPARKY SAND (SOUTH EPPING UNIT)	23 924	3 00	7 90	10 90	0 718	1 890	2 608	2 507	0 101	18 824	1651	5 15	35 0	18 0	1 020	964	563	CRE	1951
	SPARKY SAND (SW EPPING VOL UNIT 1)	10 778	5 40	5 25	10 65	0 582	0 566	1 148	1 112	0 036	8 735	923	4 15	35 0	18 0	1 020	964	563	CRE	1951
EPPING NORTH	CUMMINGS SAND	1 823	8 10	0 00	8 10	0 148	0 000	0 148	0 033	0 115	13 789	113	6 60	30 0	16 0	1 031	980	650	CRE	1978
	G P SAND	0 123	3 35	0 00	3 35	0 004	0 000	0 004	0 003	0 001	0 933	16	3 50	32 0	30 0	1 020	975	580	CRE	1978
	MCLAREN SAND	0 678	2 20	0 00	2 20	0 015	0 000	0 015	0 012	0 003	2 099	81	3 60	35 0	30 0	1 053	945	530	CRE	1997
	SPARKY SAND	0 934	9 00	0 00	9 00	0 084	0 000	0 084	0 026	0 058	6 138	81	4 10	35 0	18 0	1 020	968	560	CRE	2000
EPPING SOUTH	SPARKY SAND	5 928	11 90	0 00	11 90	0 705	0 000	0 705	0 407	0 298	57 878	729	2 89	35 0	18 0	1 020	970	563	CRE	1951
EVESHAM	SPARKY SAND	3 931	7 40	0 00	7 40	0 291	0 000	0 291	0 199	0 092	24 534	542	2 78	35 0	23 0	1 033	958	719	CRE	1969
EVESHAM NORTH	MCLAREN SAND	2 294	6 60	5 50	12 10	0 151	0 126	0 278	0 063	0 215	11 082	340	2 90	35 0	30 0	1 053	969	686	CRE	1982
	SPARKY SAND	1 761	12 30	9 50	21 80	0 217	0 167	0 384	0 132	0 252	11 675	300	2 25	35 0	23 0	1 033	951	734	CRE	1976
EYEHILL	CUMMINGS DINA SAND	22 858	0 40	5 90	6 30	0 091	1 349	1 440	1 202	0 238	69 486	842	9 80	34 0	16 0	1 031	978	746	CRE	1971
EYEHILL NORTH	CUMMINGS SAND	6 573	10 70	0 00	10 70	0 703	0 000	0 703	0 599	0 105	46 742	324	8 30	30 0	16 0	1 031	970	746	CRE	1965
	SPARKY SAND	0 740	12 50	0 00	12 50	0 093	0 000	0 093	0 079	0 013	3 093	113	4 16	25 0	30 0	1 111	946	693	CRE	1985
FOREST BANK	SPARKY SAND	16 775	7 50	0 00	7 50	1 258	0 000	1 258	0 453	0 805	124 209	1227	4 72	35 0	16 0	1 015	982	526	CRE	1961
	WASECA SAND	9 081	14 30	0 00	14 30	1 299	0 000	1 299	0 497	0 802	79 745	907	3 09	35 0	16 0	1 015	979	507	CRE	1963
FREEMONT	SPARKY SAND	4 301	8 20	0 00	8 20	0 353	0 000	0 353	0 320	0 032	9 269	599	2 70	35 0	20 0	1 053	963	636	CRE	1976
	WASECA SAND	3 645	10 69	0 00	10 69	0 390	0 000	0 390	0 385	0 005	2 650	623	2 20	35 0	20 0	1 053	958	620	CRE	1976
FREEMONT SOUTH	COLONY SAND	1 131	14 40	0 00	14 40	0 163	0 000	0 163	0 085	0 078	10 212	162	3 00	35 0	30 0	1 053	969	611	CRE	1995
FREEMONT WEST	SPARKY SAND	4 042	21 00	0 00	21 00	0 849	0 000	0 849	0 232	0 617	69 499	599	2 90	35 0	30 0	1 053	955	641	CRE	1985
FURNESS	SPARKY SAND	8 647	5 92	0 00	5 92	0 524	0 000	0 524	0 523	0 001	0 359	583	5 34	34 0	15 0	1 017	967	566	CRE	1970

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/02	RESERVES	1000 m3	ha	m	%	%	FACTOR	KG/m3	m		
GOLDEN LAKE NORTH	SPARKY SAND (GOLDEN LAKE VOL UNIT)	16.648	1.89	0.21	2.10	0.315	0.035	0.350	0.317	0.033	8.883	1749	3.43	35.0	20.0	1.009	977	506	CRE	1964
	SPARKY SAND (NON-UNIT)	3.774	6.45	0.00	6.45	0.243	0.000	0.243	0.179	0.064	12.296	340	4.00	35.0	20.0	1.009	970	506	CRE	1964
	WASECA SAND (GOLDEN LAKE VOL UNIT)	18.465	7.60	4.00	11.60	1.403	0.739	2.142	2.045	0.096	30.629	1749	4.50	30.0	20.0	1.023	964	481	CRE	1964
	WASECA SAND (NON-UNIT)	2.023	4.66	0.00	4.66	0.094	0.000	0.094	0.064	0.030	4.387	194	3.60	35.0	16.0	1.015	963	481	CRE	1964
GOLDEN LAKE SOUTH	SPARKY SAND (GOLDEN LAKE S VOL UNIT)	2.360	5.00	0.00	5.00	0.118	0.000	0.118	0.022	0.096	9.458	114	8.80	30.0	20.0	1.020	978	490	CRE	1964
	SPARKY SAND (NON-UNIT)	35.092	2.50	0.90	3.40	0.877	0.316	1.193	0.804	0.389	26.212	1283	6.30	35.0	18.0	1.012	978	490	CRE	1964
	SPARKY SAND (VOLUNTARY UNIT NO. 1)	4.875	3.42	0.00	3.42	0.167	0.000	0.167	0.167	0.000	0.000	259	8.00	30.0	20.0	1.020	978	490	CRE	1964
	WASECA SAND (GOLDEN LAKE S VOL UNIT)	23.247	8.10	3.28	11.38	1.883	0.762	2.645	2.500	0.146	53.182	2202	4.50	30.0	20.0	1.023	966	473	CRE	1964
	WASECA SAND (NON-UNIT)	8.278	9.30	0.00	9.30	0.770	0.000	0.770	0.557	0.213	20.615	692	4.13	35.0	16.0	1.015	966	473	CRE	1964
GULLY LAKE	WASECA SAND (NON-UNIT)	18.455	9.60	0.00	9.60	1.772	0.000	1.772	1.522	0.249	49.418	1344	4.73	35.7	16.0	1.033	969	472	CRE	1949
	WASECA SAND (VOLUNTARY UNIT NO. 1)	10.986	7.00	3.22	10.22	0.769	0.354	1.123	1.081	0.041	4.286	874	4.33	35.7	16.0	1.033	963	472	CRE	1949
HILLMOND	G.P. SAND	2.444	0.68	0.00	0.68	0.017	0.000	0.017	0.017	0.000	0.146	275	3.70	35.0	30.0	1.020	970	507	CRE	1977
	SPARKY SAND	3.158	6.80	0.00	6.80	0.215	0.000	0.215	0.120	0.094	20.995	465	2.85	35.0	30.0	1.028	970	494	CRE	1977
HILLMOND SOUTH	SPARKY SAND	1.183	7.40	0.00	7.40	0.088	0.000	0.088	0.062	0.025	15.428	146	3.40	35.0	30.0	1.028	970	499	CRE	1996
LANDROSE	MCLAREN SAND	3.820	5.57	0.00	5.57	0.213	0.000	0.213	0.178	0.035	2.923	401	4.18	30.0	20.0	1.053	981	513	CRE	1950
	WASECA SAND	2.546	6.85	0.00	6.85	0.174	0.000	0.174	0.165	0.010	3.926	239	3.67	36.0	18.0	1.017	983	521	CRE	1950
LASHBURN	MCLAREN SAND	0.819	6.20	0.00	6.20	0.051	0.000	0.051	0.020	0.031	6.818	130	4.00	25.0	30.0	1.111	959	514	CRE	1980
	SPARKY SAND	10.269	14.90	0.00	14.90	1.530	0.000	1.530	0.546	0.984	116.747	1093	3.90	35.0	30.0	1.017	990	520	CRE	1963
	WASECA SAND (NON-UNIT)	8.758	6.05	0.00	6.05	0.530	0.000	0.530	0.335	0.195	23.881	611	4.90	35.0	15.0	1.017	963	518	CRE	1960
	WASECA SAND (VOLUNTARY UNIT)	18.001	3.60	3.83	7.43	0.648	0.689	1.337	1.277	0.060	17.383	1263	6.20	30.0	21.0	1.031	962	518	CRE	1960
LASHBURN EAST	WASECA SAND	15.417	2.90	0.00	2.90	0.447	0.000	0.447	0.261	0.186	44.867	227	23.40	35.0	15.0	1.025	985	500	CRE	1966
LASHBURN SOUTH	SPARKY SAND	2.404	14.90	0.00	14.90	0.358	0.000	0.358	0.152	0.206	36.499	388	2.25	35.0	20.0	1.017	983	534	CRE	1967
	WASECA SAND	9.487	7.60	0.00	7.60	0.721	0.000	0.721	0.513	0.208	25.066	705	4.60	35.0	15.0	1.017	979	524	CRE	1971
LASHBURN WEST	SPARKY SAND	20.017	15.00	0.00	15.00	3.003	0.000	3.003	1.419	1.583	507.253	2793	4.55	25.0	30.0	1.111	991	537	CRE	1979
LLOYDMINSTER	SPARKY SAND	4.147	6.00	0.00	6.00	0.249	0.000	0.249	0.248	0.001	0.038	243	5.70	35.0	13.0	1.017	965	556	CRE	1952
LONE ROCK	SPARKY SAND	10.226	8.90	4.08	12.98	0.910	0.417	1.327	1.320	0.007	3.781	698	5.50	33.0	15.0	1.053	960	572	CRE	1947
	SPARKY SAND (VOLUNTARY UNIT NO. 1)	6.030	3.40	0.00	3.40	0.205	0.000	0.205	0.174	0.031	2.564	290	7.76	34.4	18.0	1.053	960	572	CRE	1947
LONG LAKE	WASECA SAND	12.906	10.55	0.00	10.55	1.362	0.000	1.362	1.239	0.122	63.249	518	10.90	30.0	20.0	1.050	960	572	CRE	1990
LOW LAKE	WASECA SAND	1.827	20.20	0.00	20.20	0.369	0.000	0.369	0.309	0.060	18.735	202	3.65	36.0	30.0	1.017	971	509	CRE	1950
LOW LAKE EAST	WASECA SAND	0.513	9.50	0.00	9.50	0.049	0.000	0.049	0.027	0.021	5.030	49	4.50	35.0	30.0	1.053	985	485	CRE	1997
MACKLIN	SPARKY SAND	9.242	7.15	3.60	10.75	0.661	0.333	0.994	0.677	0.316	22.465	971	2.75	35.0	23.0	1.033	947	712	CRE	1976
MAIDSTONE	MCLAREN SAND	9.005	8.40	0.00	8.40	0.756	0.000	0.756	0.618	0.138	21.669	2016	2.65	25.0	30.0	1.111	963	500	CRE	1978
	WASECA SAND	2.451	21.00	0.00	21.00	0.515	0.000	0.515	0.241	0.274	61.480	546	2.85	25.0	30.0	1.111	973	503	CRE	1981
MANITO LAKE	SPARKY SAND	11.646	13.40	0.00	13.40	1.561	0.000	1.561	0.899	0.661	45.285	1311	4.05	25.0	30.0	1.111	965	605	CRE	1970
MANITO LAKE EAST	MCLAREN SAND	1.898	3.29	0.00	3.29	0.062	0.000	0.062	0.058	0.004	4.085	291	3.45	30.0	30.0	1.111	965	605	CRE	1979
MARSDEN	SPARKY SAND	2.422	9.60	0.00	9.60	0.233	0.000	0.233	0.158	0.075	11.670	198	4.60	35.0	20.0	1.053	982	606	CRE	1949
MARSDEN NORTH	SPARKY SAND	2.836	12.00	0.00	12.00	0.340	0.000	0.340	0.171	0.170	27.135	366	4.10	30.0	30.0	1.111	965	556	CRE	1979
MARSDEN SOUTH	SPARKY SAND (NON-UNIT)	4.030	5.98	0.00	5.98	0.241	0.000	0.241	0.180	0.061	26.690	324	5.70	30.0	25.0	1.031	946	625	CRE	1979
	SPARKY SAND (VOL UNIT NO. 1)	10.830	4.60	23.90	28.50	0.498	2.588	3.086	1.681	1.406	73.380	518	9.58	30.0	25.0	1.031	946	625	CRE	1979
	SPARKY SAND (VOL UNIT NO. 2)	5.005	10.00	11.60	21.60	0.500	0.581	1.081	0.805	0.276	43.437	420	5.46	30.0	25.0	1.031	946	625	CRE	1979

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY			INITIAL RESERVES			TOTAL PROD.	REMAINING	2002	DEV.	NET	AVE.	AVE. CONN.	FORM.	OIL	PROD.		
			PRIM.	ENHAN.	TOTAL	PRIM.	ENHAN.	TOTAL	12/31/02	RESERVES	PROD.	AREA	PAY	POR.	WATER	VOLUME	DENSITY	DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	---------- % ----------			---------- 1000000 m3 ----------					1000 m3	ha	m	------- % -------			KG/m3	m		
MARSDEN SOUTH	SPARKY SAND (VOL UNIT NO 3)	2.229	4.95	9.50	14.45	0.110	0.212	0.322	0.288	0.034	9.591	227	4.50	30.0	25.0	1.031	946	625	CRE	1979
	SPARKY SAND (VOL UNIT NO 4)	2.933	5.00	4.10	9.10	0.147	0.120	0.267	0.149	0.118	13.597	227	5.95	30.0	25.0	1.036	946	625	CRE	1979
MEOTA	LLOYDMINSTER SAND	4.329	1.95	2.05	4.00	0.084	0.089	0.173	0.173	0.000	0.000	97	17.00	31.5	15.0	1.020	992	520	CRE	1974
MERVIN	WASECA SAND	8.688	10.50	0.00	10.50	0.912	0.000	0.912	0.511	0.401	104.944	947	4.60	30.0	30.0	1.053	980	470	CRE	1985
MERVIN CENTRAL	SPARKY SAND	0.496	10.10	0.00	10.10	0.050	0.000	0.050	0.003	0.047	2.703	65	3.10	34.0	25.0	1.035	984	463	CRE	2001
	WASECA SAND	1.368	5.43	0.00	5.43	0.074	0.000	0.074	0.024	0.051	18.111	113	5.00	34.0	25.0	1.053	984	431	CRE	2001
MERVIN EAST	WASECA SAND	3.549	7.90	0.00	7.90	0.280	0.000	0.280	0.151	0.129	33.590	372	4.10	35.0	30.0	1.053	995	447	CRE	1996
MERVIN SOUTH	WASECA SAND	6.197	19.20	0.00	19.20	1.190	0.000	1.190	0.287	0.903	129.333	761	3.50	35.0	30.0	1.053	993	448	CRE	1995
NEILBURG	COLONY SAND	2.486	2.30	0.00	2.30	0.057	0.000	0.057	0.045	0.012	3.172	486	2.20	35.0	30.0	1.053	953	554	CRE	1983
	MCLAREN SAND	15.470	10.52	0.00	10.52	1.627	0.000	1.627	1.377	0.251	52.168	2072	3.95	30.0	30.0	1.111	964	570	CRE	1978
NORTHMINSTER	SPARKY SAND (NON-UNIT)	8.968	1.90	2.30	4.20	0.170	0.206	0.377	0.228	0.148	21.082	526	6.00	34.0	15.0	1.017	967	541	CRE	1959
	SPARKY SAND (VOLUNTARY UNIT)	10.939	3.50	4.12	7.62	0.383	0.451	0.834	0.831	0.003	1.109	987	3.90	34.0	15.0	1.017	976	541	CRE	1959
NORTHMINSTER NORTH	G.P. SAND	1.178	2.50	0.00	2.50	0.029	0.000	0.029	0.030	0.000	0.065	178	4.20	25.0	30.0	1.111	984	543	CRE	1961
	SPARKY SAND	7.121	13.20	0.00	13.20	0.940	0.000	0.940	0.372	0.568	61.720	631	4.72	25.0	30.0	1.111	970	524	CRE	1961
PIKES PEAK	G.P. SAND	3.081	8.70	0.00	8.70	0.268	0.000	0.268	0.255	0.013	8.607	323	4.10	35.0	30.0	1.053	970	530	CRE	1970
	SPARKY SAND	0.618	3.70	0.00	3.70	0.023	0.000	0.023	0.014	0.009	1.237	162	1.64	35.0	30.0	1.053	984	515	CRE	1973
	WASECA SAND	16.643	1.70	53.50	55.20	0.283	8.904	9.187	7.462	1.725	462.469	712	8.50	33.0	15.0	1.020	978	497	CRE	1970
REWARD	WASECA SAND	6.198	8.45	0.00	8.45	0.524	0.000	0.524	0.452	0.072	50.598	777	4.00	30.0	30.0	1.053	981	680	CRE	1980
RUSH LAKE	G.P. SAND	12.252	11.10	0.00	11.10	1.360	0.000	1.360	0.987	0.373	175.417	1117	6.60	25.0	30.0	1.053	970	470	CRE	1985
	SPARKY SAND	15.028	8.70	0.00	8.70	1.307	0.000	1.307	0.623	0.684	44.784	1344	5.00	25.0	30.0	1.111	978	478	CRE	1971
	WASECA SAND	16.461	14.80	0.00	14.80	2.436	0.000	2.436	1.123	1.313	145.609	2137	4.00	25.0	30.0	1.111	977	450	CRE	1971
RUTLAND	CUMMINGS-DINA SAND	4.587	5.34	0.00	5.34	0.245	0.000	0.245	0.208	0.037	9.693	211	8.40	33.0	20.0	1.020	980	725	CRE	1993
SALT LAKE	LLOYDMINSTER SAND	11.020	8.00	5.94	13.94	0.882	0.655	1.536	1.336	0.200	43.484	1125	4.50	28.0	20.0	1.029	970	737	CRE	1985
SENLAC	CUMMINGS-DINA SAND	55.097	9.20	1.00	10.20	5.069	0.551	5.620	3.833	1.787	526.257	2170	10.75	31.0	20.0	1.050	978	787	CRE	1990
	LLOYDMINSTER SAND	11.470	6.00	17.20	23.20	0.688	1.973	2.661	2.068	0.593	113.402	1409	4.75	28.0	32.0	1.111	968	787	CRE	1980
	WASECA SAND	2.136	1.62	0.00	1.62	0.035	0.000	0.035	0.035	0.000	0.000	210	5.10	30.0	30.0	1.053	978	670	CRE	1991
SILVERDALE	SPARKY SAND	21.055	6.20	2.80	9.00	1.305	0.590	1.895	1.805	0.090	24.845	2145	3.80	34.0	20.0	1.053	965	564	CRE	1968
SODA LAKE	CUMMINGS SAND	31.928	3.01	0.00	3.01	0.961	0.000	0.961	0.843	0.118	38.749	3000	4.30	33.0	25.0	1.000	971	610	CRE	1978
STANDARD HILL	WASECA SAND	18.102	8.67	0.00	8.67	1.569	0.000	1.569	1.496	0.074	18.096	1797	3.58	34.0	16.0	1.015	968	472	CRE	1963
STANDARD HILL NORTH	G.P. SAND	1.897	8.45	0.00	8.45	0.160	0.000	0.160	0.091	0.069	19.537	162	4.85	35.0	30.0	1.015	985	485	CRE	1979
	REX SAND	0.420	3.50	0.00	3.50	0.015	0.000	0.015	0.014	0.000	0.774	81	2.15	35.0	30.0	1.015	985	500	CRE	1979
	SPARKY SAND	0.706	10.20	0.00	10.20	0.072	0.000	0.072	0.065	0.007	3.601	130	2.25	35.0	30.0	1.015	985	465	CRE	1979
	WASECA SAND	3.455	5.15	0.00	5.15	0.178	0.000	0.178	0.151	0.027	8.081	421	3.40	35.0	30.0	1.015	985	445	CRE	1979
STANDARD HILL WEST	MCLAREN SAND	1.354	7.30	0.00	7.30	0.099	0.000	0.099	0.078	0.021	7.110	194	3.00	35.0	30.0	1.053	965	420	CRE	1999
TANGLEFLAGS	G.P. SAND (NON-UNIT)	53.263	7.85	0.95	8.80	4.181	0.505	4.686	2.808	1.878	171.277	4007	4.17	35.0	22.0	1.020	970	492	CRE	1971
	G.P. SAND (VOL UNIT NO 3)	4.857	4.86	0.00	4.86	0.236	0.000	0.236	0.236	0.000	0.000	567	3.20	33.3	18.0	1.020	969	490	CRE	1971
	G.P. SAND (VOL UNIT NO 4)	2.544	9.60	0.00	9.60	0.244	0.000	0.244	0.238	0.007	0.889	372	3.10	30.0	25.0	1.020	970	492	CRE	1971
	LLOYDMINSTER SAND (NON-UNIT)	44.653	5.74	0.00	5.74	2.575	0.000	2.575	1.674	0.900	43.773	3643	3.74	35.0	25.0	1.020	962	532	CRE	1965
	LLOYDMINSTER SAND (VOL UNIT NO 2)	4.011	5.50	5.15	10.65	0.221	0.207	0.427	0.396	0.031	6.829	421	4.10	30.0	21.0	1.020	959	532	CRE	1965
	LLOYDMINSTER SAND (VOL UNIT NO 3)	5.247	5.00	0.00	5.00	0.262	0.000	0.262	0.262	0.000	0.000	752	3.40	30.6	31.6	1.020	960	532	CRE	1965

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
TANGLEFLAGS	LLOYDMINSTER SAND (VOL UNIT NO 4)	3.715	3.60	1.35	5.15	0.141	0.050	0.191	0.188	0.003	1.117	372	3.60	32.3	17.0	1.020	960	518	CRE	1965
	MCLAREN SAND (NON-UNIT)	13.507	10.60	0.00	10.60	1.432	0.000	1.432	0.691	0.741	48.646	1198	3.10	35.0	30.0	1.053	970	443	CRE	1965
	MCLAREN SAND (VOL UNIT NO 3)	1.089	1.30	0.00	1.30	0.014	0.000	0.014	0.014	0.000	0.000	130	3.60	35.0	30.0	1.053	970	443	CRE	1965
	SPARKY SAND (NON-UNIT)	32.444	9.75	0.00	9.75	3.163	0.000	3.163	1.706	1.457	179.101	4056	3.26	35.0	30.0	1.028	969	511	CRE	1969
	SPARKY SAND (VOL UNIT NO 3)	4.857	2.20	0.00	2.20	0.107	0.000	0.107	0.104	0.003	0.000	627	3.25	35.0	30.0	1.028	970	511	CRE	1969
	SPARKY SAND (VOL UNIT NO 4)	2.002	2.89	0.00	2.89	0.058	0.000	0.058	0.052	0.006	3.191	227	3.70	35.0	30.0	1.028	970	511	CRE	1969
	WASECA SAND (NON-UNIT)	9.016	16.90	0.00	16.90	1.524	0.000	1.524	0.536	0.988	173.887	1384	2.80	35.0	30.0	1.053	983	427	CRE	1978
TANGLEFLAGS EAST	MCLAREN SAND	2.552	5.26	0.00	5.26	0.134	0.000	0.134	0.128	0.006	0.912	324	5.00	25.0	30.0	1.111	973	359	CRE	1978
TANGLEFLAGS NORTH	G.P. SAND	6.007	3.30	0.00	3.30	0.198	0.000	0.198	0.111	0.087	21.158	461	5.60	35.0	30.0	1.053	978	450	CRE	1977
	LLOYDMINSTER/CUMMINGS SAND	46.388	2.85	7.41	10.26	1.322	3.437	4.759	3.414	1.346	242.079	1991	9.70	35.0	30.0	1.020	970	515	CRE	1977
TANGLEFLAGS WEST	G.P. SAND	19.367	9.60	0.00	9.60	1.859	0.000	1.859	1.029	0.831	162.609	1340	5.40	35.0	22.0	1.020	979	516	CRE	1972
	LLOYDMINSTER SAND	6.825	4.03	0.00	4.03	0.275	0.000	0.275	0.207	0.068	13.290	680	3.90	35.0	25.0	1.020	967	563	CRE	1972
	MCLAREN SAND	7.574	12.40	0.00	12.40	0.939	0.000	0.939	0.515	0.424	45.968	757	4.30	35.0	30.0	1.053	980	462	CRE	1978
	SPARKY SAND	10.059	13.00	0.00	13.00	1.308	0.000	1.308	0.618	0.690	100.163	1279	3.30	35.0	30.0	1.028	975	498	CRE	1972
TURTLEFORD	WASECA SAND	2.017	2.61	0.00	2.61	0.053	0.000	0.053	0.036	0.017	4.710	113	8.95	30.0	30.0	1.053	985	465	CRE	1981
WESTHAZEL	G.P. SAND	16.536	2.94	0.00	2.94	0.486	0.000	0.486	0.406	0.080	22.256	923	7.70	35.0	30.0	1.053	977	485	CRE	1971
	SPARKY SAND	19.157	5.77	0.00	5.77	1.105	0.000	1.105	0.786	0.319	80.149	1700	5.11	35.0	30.0	1.111	967	455	CRE	1969
	WASECA SAND	7.324	7.70	0.00	7.70	0.564	0.000	0.564	0.329	0.235	77.140	1279	3.70	24.0	35.0	1.008	975	470	CRE	1973
WINTER	CUMMINGS SAND	78.381	5.90	0.00	5.90	4.624	0.000	4.624	3.638	0.987	305.068	2412	11.20	33.0	9.0	1.035	980	660	CRE	1980
WINTER SOUTH	CUMMINGS SAND	27.109	1.89	0.00	1.89	0.512	0.000	0.512	0.397	0.115	58.164	599	16.00	33.0	10.0	1.050	976	660	CRE	1980
	MCLAREN SAND	2.638	2.18	0.00	2.18	0.058	0.000	0.058	0.049	0.009	5.259	162	7.00	35.0	30.0	1.053	985	650	CRE	1991
	TOTAL AREA 1H	**2,153.680**				**146.572**	**39.542**	**186.1145**	**121.463**	**64.654**	**9,673.392**									
AREA 2H																				
MISCELLANEOUS	BAKKEN SAND	52.186	4.40	0.00	4.40	2.296	0.000	2.296	0.896	1.400	167.144	4290	6.50	26.6	25.0	1.066			MIS	
	BASAL MANNVILLE SAND	5.463	2.90	0.00	2.90	0.158	0.000	0.158	0.070	0.088	9.807	470	6.00	27.2	25.0	1.053			CRE	
	BIRDBEAR	1.073	0.69	0.00	0.69	0.007	0.000	0.007	0.006	0.001	0.168	97	13.50	18.2	40.0	1.333			DEV	
	MADISON	0.434	6.40	0.00	6.40	0.028	0.000	0.028	0.008	0.019	2.012	65	4.40	22.5	25.0	1.111			CRE -JUR	
	MANNVILLE SAND	15.497	3.30	0.00	3.30	0.511	0.000	0.511	0.404	0.108	32.224	2072	4.00	26.8	25.0	1.075			CRE	
	SUCCESS	13.653	2.60	0.00	2.60	0.355	0.000	0.355	0.176	0.179	26.807	939	9.40	29.5	30.0	1.335			CRE -JUR	
ALSASK	BASAL MANNVILLE SAND	0.238	13.50	0.00	13.50	0.032	0.000	0.032	0.028	0.004	1.214	65	3.96	27.4	55.0	1.333	953	818	CRE	1968
BUFFALO COULEE	BAKKEN SAND	5.082	2.50	11.65	14.15	0.127	0.592	0.719	0.680	0.039	16.059	719	3.72	26.6	25.0	1.050	978	823	MIS	1952
BUFFALO COULEE NORTH	BAKKEN SAND	10.600	3.20	2.50	5.70	0.339	0.265	0.604	0.487	0.117	32.947	793	6.80	29.6	31.0	1.039	981	814	MIS	1952
CACTUS LAKE	BASAL MANNVILLE-BAKKEN (NON-UNIT)	8.168	8.20	2.45	10.65	0.670	0.200	0.870	0.448	0.422	49.636	680	6.00	32.0	35.0	1.039	964	851	CRE -MIS	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 1)	4.453	11.20	15.40	26.60	0.499	0.686	1.184	0.664	0.521	29.554	259	9.16	30.0	35.0	1.039	964	851	CRE -MIS	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 2)	24.802	10.00	21.30	31.30	2.480	5.283	7.763	3.290	4.473	179.843	2736	4.83	30.0	35.0	1.039	964	851	CRE -MIS	1974
	BASAL MANNVILLE-BAKKEN (VOL UNIT 3)	2.726	9.50	10.80	20.30	0.259	0.294	0.553	0.122	0.431	14.163	191	7.52	29.0	32.0	1.039	948	850	CRE -MIS	1995
CACTUS LAKE EAST	BAKKEN SAND	2.992	11.80	0.00	11.80	0.353	0.000	0.353	0.110	0.243	43.612	210	7.50	27.0	25.0	1.066	950	785	MIS	1997
CACTUS LAKE NORTH	MCLAREN SAND (NON-UNIT)	39.487	5.86	0.00	5.86	2.314	0.000	2.314	2.059	0.255	68.448	1432	14.00	28.1	25.0	1.070	985	760	CRE	1979

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	---------- % ----------			---------- 1000000 m3 ----------					1000 m3	ha	m	---------- % ----------			KG/m3	m		
CACTUS LAKE NORTH	MCLAREN SAND (VOL UNIT NO 1)	15 790	5 55	0 00	5 55	0 876	0 000	0 876	0 742	0 135	25 941	547	13 20	30 0	22 0	1 070	989	760	CRE	1979
COLEVILLE	BAKKEN SAND	54 377	4 60	17 44	22 04	2 501	9 483	11 985	9 420	2 565	118 693	3076	11 46	24 1	31 0	1 078	982	823	MIS	1951
	MANNVILLE SAND	1 297	8 28	0 00	8 28	0 107	0 000	0 107	0 102	0 005	2 099	194	3 96	25 0	25 0	1 111	976	765	CRE	1952
COLEVILLE SOUTH	BAKKEN SAND (NON UNIT)	14 875	4 70	0 00	4 70	0 699	0 000	0 699	0 216	0 484	54 136	648	10 60	30 0	25 0	1 039	972	818	MIS	1983
	BAKKEN SAND (UNIT)	11 642	8 05	3 85	11 90	0 937	0 448	1 385	0 929	0 456	76 059	1344	4 00	30 0	25 0	1 039	972	818	MIS	1983
	MANNVILLE SAND	3 363	6 45	0 00	6 45	0 217	0 000	0 217	0 102	0 114	6 585	210	9 49	25 0	25 0	1 111	974	757	CRE	1983
	SUCCESS	3 437	4 85	0 00	4 85	0 167	0 000	0 167	0 116	0 051	6 846	154	13 10	27 0	30 0	1 111	984	870	CRE -JUR	1985
COLEVILLE WEST	BAKKEN SAND	0 854	10 50	0 00	10 50	0 090	0 000	0 090	0 085	0 005	2 424	80	4 74	33 0	29 0	1 040	982	813	MIS	1996
COSINE LAKE	LLOYDMINSTER SAND	7 487	1 13	0 00	1 13	0 085	0 000	0 085	0 082	0 003	2 035	671	4 70	29 0	30 0	1 110	965	776	CRE	1972
COURT	BAKKEN SAND (NON UNIT)	6 691	8 60	0 00	8 60	0 575	0 000	0 575	0 356	0 220	34 722	502	5 75	32 0	23 0	1 063	953	863	MIS	1982
	BAKKEN SAND (VOLUNTARY UNIT NO 1)	11 982	6 30	18 90	25 20	0 755	2 265	3 020	2 565	0 455	99 107	777	7 47	28 5	23 0	1 063	953	863	MIS	1982
COURT NORTH	BAKKEN SAND	5 021	3 62	0 00	3 62	0 182	0 000	0 182	0 098	0 084	10 310	291	7 30	33 5	25 0	1 063	980	872	MIS	1983
COURT SOUTH	BAKKEN SAND	6 633	5 00	8 10	13 10	0 332	0 537	0 869	0 363	0 506	42 370	324	9 70	30 0	25 0	1 066	968	855	MIS	1979
COURT WEST	BAKKEN SAND	2 163	7 10	0 00	7 10	0 154	0 000	0 154	0 084	0 070	8 255	146	7 00	30 0	25 0	1 063	990	845	MIS	1995
CUTHBERT	BASAL MANNVILLE SAND	4 393	7 29	0 00	7 29	0 320	0 000	0 320	0 076	0 244	52 919	518	4 20	30 0	30 0	1 040	977	915	CRE	2000
DRUID	MANNVILLE SAND	1 829	2 61	0 00	2 61	0 048	0 000	0 048	0 043	0 005	1 358	162	6 92	25 9	30 0	1 111	969	729	CRE	1969
ERMINE	MANNVILLE SAND	1 861	3 90	0 00	3 90	0 073	0 000	0 073	0 069	0 004	1 109	243	4 12	27 5	25 0	1 111	969	694	CRE	1979
FUSILIER	BAKKEN SAND	10 494	14 00	0 00	14 00	1 469	0 000	1 469	0 884	0 586	45 461	745	7 70	25 0	22 0	1 066	962	799	MIS	1955
FUSILIER NORTH	BAKKEN SAND	2 056	6 70	0 00	6 70	0 138	0 000	0 138	0 086	0 052	22 479	190	5 50	31 0	33 1	1 054	959	860	MIS	1997
HEARTS HILL	BAKKEN SAND	3 611	4 80	1 95	6 75	0 173	0 070	0 244	0 229	0 015	5 698	324	5 67	27 6	25 0	1 053	953	758	MIS	1983
HOOSIER	BAKKEN SAND (NON UNIT)	25 175	13 00	0 00	13 00	3 273	0 000	3 273	1 080	2 193	109 066	1894	7 18	25 3	22 0	1 066	976	865	MIS	1973
	BAKKEN SAND (VOLUNTARY UNIT NO 1)	3 128	4 00	10 00	14 00	0 125	0 313	0 438	0 350	0 088	10 403	228	5 88	31 5	22 0	1 053	975	865	MIS	1973
KERROBERT	MANNVILLE SAND	1 406	54 50	0 00	54 50	0 766	0 000	0 766	0 504	0 263	75 665	210	3 00	31 0	20 0	1 111	995	795	CRE	1995
KERROBERT NORTH	MANNVILLE SAND	14 960	0 99	0 00	0 99	0 148	0 000	0 148	0 138	0 010	7 228	308	20 00	30 0	15 0	1 050	995	775	CRE	1995
LOVERNA	SUCCESS	2 493	5 80	0 00	5 80	0 145	0 000	0 145	0 121	0 023	2 967	146	10 50	28 9	25 0	1 333	957	853	CRE -JUR	1952
LUSELAND	BAKKEN SAND	41 662	11 45	0 65	12 10	4 770	0 271	5 041	2 593	2 448	281 710	1570	11 82	31 5	25 0	1 053	983	739	MIS	1979
	MANNVILLE SAND	8 358	0 68	0 00	0 68	0 057	0 000	0 057	0 057	0 000	0 000	178	20 10	32 8	25 0	1 053	996	763	CRE	1985
MANTARIO EAST	BASAL MANNVILLE (NON UNIT)	2 707	9 40	0 00	9 40	0 254	0 000	0 254	0 153	0 102	18 914	194	5 72	31 0	15 0	1 080	969	860	CRE	1995
	BASAL MANNVILLE (VOL UNIT NO 1)	2 596	3 60	11 90	15 50	0 093	0 309	0 402	0 268	0 134	24 679	186	5 72	31 0	15 0	1 080	969	860	CRE	1995
MANTARIO NORTH	BASAL MANNVILLE (NON UNIT)	1 745	13 40	0 00	13 40	0 234	0 000	0 234	0 159	0 075	18 532	130	6 00	30 0	20 0	1 073	960	900	CRE	1994
	BASAL MANNVILLE (VOL UNIT NO 1)	16 535	4 60	24 30	28 90	0 761	4 018	4 779	2 459	2 320	293 899	1166	6 34	30 0	20 0	1 073	960	900	CRE	1994
MARENGO SOUTH	BASAL MANNVILLE	11 718	6 10	9 70	15 80	0 715	1 137	1 851	1 209	0 643	94 377	826	5 90	30 0	14 0	1 073	969	808	CRE	1991
MILTON	BAKKEN SAND	4 387	8 20	0 00	8 20	0 360	0 000	0 360	0 259	0 100	30 644	437	4 90	28 0	22 0	1 066	960	846	MIS	1994
MILTON SOUTH	SUCCESS	3 158	2 30	0 00	2 30	0 073	0 000	0 073	0 059	0 014	4 147	146	9 63	31 0	25 0	1 035	963	788	CRE -JUR	1980
NORTH HOOSIER	BAKKEN SAND (NON-UNIT)	16 836	8 35	0 00	8 35	1 406	0 000	1 406	0 644	0 762	72 252	1360	7 23	23 4	22 0	1 066	958	878	MIS	1965
	BAKKEN SAND (VOLUNTARY UNIT)	8 498	2 30	14 50	16 80	0 195	1 232	1 428	1 238	0 190	20 240	452	9 40	30 0	30 0	1 050	958	878	MIS	1965
	BASAL MANNVILLE SAND (NON-UNIT)	7 576	6 20	0 00	6 20	0 470	0 000	0 470	0 348	0 121	33 354	648	5 25	32 0	27 0	1 049	970	838	CRE	1964
	BASAL MANNVILLE SAND (VOL UNIT)	4 147	6 00	16 35	22 35	0 249	0 678	0 927	0 843	0 084	16 307	313	6 80	28 0	27 0	1 049	970	838	CRE	1964
NORTH SMILEY	BAKKEN SAND	0 335	1 50	0 00	1 50	0 005	0 000	0 005	0 001	0 004	0 000	32	5 90	25 4	25 0	1 075	985	810	MIS	1981
	BAKKEN SAND (VOL UNIT NO 1)	10 494	1 94	3 29	5 23	0 204	0 345	0 549	0 279	0 269	24 325	1166	4 20	30 0	25 0	1 050	985	810	MIS	1981

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
ONWARD	BASAL MANNVILLE SAND	2.678	9.80	0.00	9.80	0.262	0.000	0.262	0.212	0.070	17.155	162	8.40	33.2	31.4	1.077	971	810	CRE	1987
PLOVER LAKE	BAKKEN SAND	24.232	10.80	1.20	12.00	2.617	0.291	2.908	2.239	0.669	87.649	1489	7.30	31.3	25.0	1.053	963	817	MIS	1974
	MCLAREN SAND (NON-UNIT)	21.382	3.80	0.00	3.80	0.813	0.000	0.813	0.669	0.144	29.595	615	16.11	30.3	25.0	1.053	984	720	CRE	1985
	MCLAREN SAND (VOLUNTARY UNIT NO. 1)	11.621	5.70	0.00	5.70	0.662	0.000	0.662	0.561	0.101	12.341	243	21.59	31.1	25.0	1.053	984	720	CRE	1985
PLOVER LAKE EAST	BAKKEN SAND	36.132	3.44	0.00	3.44	1.243	0.000	1.243	1.198	0.045	21.465	1295	11.30	32.5	20.0	1.053	963	825	MIS	1980
PLOVER LAKE SOUTH	BAKKEN SAND	3.839	0.82	0.00	0.82	0.031	0.000	0.031	0.026	0.005	0.000	211	8.60	29.7	25.0	1.053	984	814	MIS	1985
PLOVER LAKE WEST	BAKKEN SAND	9.875	2.00	0.00	2.00	0.198	0.000	0.198	0.093	0.105	14.580	599	7.00	31.0	20.0	1.053	963	802	MIS	1976
SMILEY	BAKKEN SAND (VOL UNIT NO. 1)	1.287	7.30	6.57	13.87	0.094	0.085	0.179	0.088	0.091	7.896	114	6.00	30.0	35.0	1.036	964	805	MIS	1996
SUPERB	WASECA SAND	2.380	9.80	0.00	9.80	0.233	0.000	0.233	0.127	0.106	19.935	194	4.60	34.0	20.0	1.020	990	770	CRE	1996
SUPERB NORTH	WASECA SAND (VOL UNIT NO. 1)	1.451	0.20	0.00	0.20	0.003	0.000	0.003	0.003	0.000	0.000	32	17.00	34.0	20.0	1.020	995	745	CRE	1996
	TOTAL AREA 2H	**659.701**				**40.805**	**28.802**	**69.6069**	**44.069**	**25.538**	**2,641.566**									
AREA 2L																				
MISCELLANEOUS	VIKING SAND	22.855	1.88	0.00	1.88	0.430	0.000	0.430	0.216	0.214	21.852	4355	3.90	23.0	35.0	1.111			CRE	
AVON HILL	VIKING (NON-UNIT)	4.147	8.26	0.00	8.26	0.342	0.000	0.342	0.335	0.008	3.753	1488	2.43	23.0	45.0	1.103	844	725	CRE	1959
	VIKING (VOLUNTARY UNIT)	4.493	5.98	0.00	5.98	0.269	0.000	0.269	0.262	0.006	3.530	1586	2.47	23.0	45.0	1.103	844	725	CRE	1959
DODSLAND	VIKING (EAGLE LAKE VOL UNIT)	11.207	16.30	20.85	37.15	1.827	2.337	4.163	3.283	0.880	64.538	3772	2.66	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (EAST DODSLAND VOL UNIT)	24.431	4.98	0.00	4.98	1.217	0.000	1.217	1.121	0.096	30.556	6814	3.21	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (GLENEATH SOUTH VOL UNIT)	0.396	15.50	3.00	18.50	0.061	0.012	0.073	0.059	0.014	0.764	129	2.75	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (GLENEATH UNIT)	9.546	12.60	26.60	39.20	1.203	2.539	3.742	2.755	0.987	66.230	3011	2.93	21.7	45.0	1.103	840	671	CRE	1956
	VIKING (KIYIU LAKE VOL UNIT NO. 2)	2.327	3.10	2.10	5.20	0.072	0.049	0.121	0.098	0.023	2.363	712	2.90	22.6	45.0	1.103	840	671	CRE	1956
	VIKING (KIYIU LAKE VOL UNIT)	2.323	8.00	0.00	8.00	0.186	0.000	0.186	0.173	0.013	6.676	842	2.47	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (NON-UNIT)	55.341	8.10	0.00	8.10	4.483	0.000	4.483	4.144	0.339	67.661	20306	2.44	22.4	45.0	1.103	842	671	CRE	1956
	VIKING (NORTH DODS. VOL UNIT NO. 2)	0.942	5.83	0.00	5.83	0.055	0.000	0.055	0.052	0.003	0.788	356	2.37	22.4	45.0	1.103	840	671	CRE	1956
	VIKING (NORTH DODS. VOL UNIT)	7.253	7.62	0.00	7.62	0.553	0.000	0.553	0.379	0.174	12.253	1910	3.40	22.4	45.0	1.103	840	671	CRE	1956
EUREKA	VIKING (NON-UNIT)	8.314	4.34	0.00	4.34	0.361	0.000	0.361	0.308	0.053	8.560	1652	4.15	23.0	42.0	1.100	849	724	CRE	1954
	VIKING (NORTH EUREKA UNIT)	6.709	9.15	11.70	20.85	0.614	0.785	1.399	1.325	0.074	15.289	1683	3.32	23.0	42.0	1.111	853	724	CRE	1954
	VIKING (SOUTH EUREKA UNIT)	6.611	9.55	14.75	24.30	0.650	1.005	1.655	1.495	0.160	17.253	1522	3.69	23.0	42.0	1.100	853	724	CRE	1954
FORGAN	VIKING	1.563	7.60	0.00	7.60	0.119	0.000	0.119	0.084	0.035	1.709	534	2.57	23.0	45.0	1.111	842	714	CRE	1981
FORGAN WEST	VIKING	2.466	4.69	0.00	4.69	0.116	0.000	0.116	0.097	0.019	2.609	567	3.82	23.0	45.0	1.111	842	680	CRE	1984
KERROBERT	VIKING	38.681	5.30	1.63	6.93	2.050	0.630	2.681	2.616	0.064	65.014	17034	1.98	23.0	45.0	1.103	842	714	CRE	1981
LUCKY HILLS	VIKING (NON-UNIT)	1.721	8.28	0.00	8.28	0.142	0.000	0.142	0.138	0.005	1.845	534	3.10	21.0	45.0	1.111	843	716	CRE	1959
	VIKING (VOLUNTARY UNIT)	1.573	5.46	0.00	5.46	0.086	0.000	0.086	0.085	0.001	0.411	453	3.05	23.0	45.0	1.111	843	716	CRE	1959
PLATO	VIKING (NON-UNIT)	3.060	3.64	0.00	3.64	0.111	0.000	0.111	0.100	0.012	2.008	842	2.84	22.0	38.0	1.066	856	644	CRE	1968
	VIKING (VOLUNTARY UNIT NO. 1)	6.542	4.20	1.36	5.56	0.275	0.089	0.364	0.361	0.003	1.745	1554	3.29	22.0	38.0	1.066	853	644	CRE	1968
PLATO NORTH	VIKING	16.955	7.84	0.00	7.84	1.330	0.000	1.330	1.061	0.269	24.903	4791	2.63	23.0	35.0	1.111	865	705	CRE	1978
PLENTY	VIKING	5.627	3.98	0.00	3.98	0.224	0.000	0.224	0.210	0.014	6.280	1457	2.87	23.0	35.0	1.111	853	640	CRE	1985
PRAIRIEDALE	VIKING	39.465	2.85	0.00	2.85	1.125	0.000	1.125	0.603	0.521	71.048	6395	5.42	23.0	45.0	1.111	870	743	CRE	1984
SMILEY-DEWAR	VIKING (NON-UNIT)	22.674	16.65	5.92	22.57	3.775	1.342	5.117	4.732	0.385	30.382	4240	4.42	24.0	45.0	1.091	875	701	CRE	1953

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
SMILEY-DEWAR	VIKING (VOLUNTARY UNIT NO. 1)	3.808	10.25	3.92	14.17	0.390	0.149	0.539	0.488	0.052	6.912	712	4.42	24.0	45.0	1.091	875	700	CRE	1953
VERENDRYE	VIKING	18.034	4.26	0.00	4.26	0.768	0.000	0.768	0.694	0.074	18.940	3481	3.85	23.0	35.0	1.111	865	713	CRE	1987
WHITESIDE	VIKING SAND (NON-UNIT)	5.655	5.98	0.00	5.98	0.338	0.000	0.338	0.286	0.053	7.257	2573	1.83	24.0	45.0	1.099	870	751	CRE	1953
	VIKING SAND (VOLUNTARY UNIT)	2.668	12.50	0.00	12.50	0.334	0.000	0.334	0.316	0.018	4.080	1214	1.83	24.0	45.0	1.099	870	751	CRE	1953
	TOTAL AREA 2L	337.589				23.505	8.937	32.4415	27.874	4.567	567.211									
AREA 3M																				
MISCELLANEOUS	BASAL MANNVILLE SAND	2.871	1.42	0.00	1.42	0.041	0.000	0.041	0.033	0.008	2.502	227	7.60	25.0	30.7	1.041			CRE	
	CANTUAR SAND	11.320	4.90	0.00	4.90	0.555	0.000	0.555	0.399	0.156	35.129	1079	6.10	24.5	25.8	1.057			CRE	
	GRAVELBOURG	0.124	23.40	0.00	23.40	0.029	0.000	0.029	0.023	0.006	0.600	16	8.23	16.7	25.0	1.333			JUR	
	LOWER SHAUNAVON	0.715	5.23	0.00	5.23	0.037	0.000	0.037	0.033	0.004	0.886	113	6.20	15.7	25.0	1.154			JUR	
	MADISON	0.738	12.00	0.00	12.00	0.089	0.000	0.089	0.001	0.088	0.000	113	4.50	21.5	25.0	1.111			MIS	
	PREMIER SAND (N. PREMIER UNIT NO. 2)	0.232	15.00	13.94	28.94	0.035	0.032	0.067	0.067	0.000	0.000	75	1.40	30.8	25.0	1.046			CRE	
	ROSERAY SAND	5.887	12.70	0.00	12.70	0.748	0.000	0.748	0.510	0.238	28.811	729	4.70	24.9	26.3	1.068			JUR	
	SHAUNAVON	0.124	2.00	0.00	2.00	0.002	0.000	0.002	0.003	0.000	0.124	32	3.00	18.0	25.0	1.042			JUR	
	UPPER SHAUNAVON	9.324	9.02	0.00	9.02	0.841	0.000	0.841	0.561	0.280	41.765	1797	4.10	17.5	21.1	1.091			JUR	
ANTELOPE	CANTUAR SAND	0.732	6.85	0.00	6.85	0.050	0.000	0.050	0.039	0.011	3.074	81	4.84	28.0	30.0	1.050	920	1090	CRE	1996
ANTELOPE LAKE	ROSERAY SAND (NON UNIT)	0.470	44.00	0.00	44.00	0.207	0.000	0.207	0.111	0.095	10.532	97	2.63	26.4	25.0	1.075	923	970	JUR	1994
	UPPER SHAUNAVON (NON UNIT)	0.738	4.20	0.00	4.20	0.031	0.000	0.031	0.023	0.008	1.697	194	3.75	16.5	40.0	0.976	914	1037	JUR	1964
	UPPER SHAUNAVON (VOLUNTARY UNIT)	1.017	16.00	3.10	19.10	0.163	0.032	0.194	0.172	0.022	3.912	453	2.13	18.0	40.0	1.025	914	1037	JUR	1964
ANTELOPE LAKE EAST	ROSERAY SAND	0.457	2.20	0.00	2.20	0.010	0.000	0.010	0.010	0.000	0.018	65	5.00	23.9	37.0	1.070	923	950	JUR	1964
ANTELOPE LAKE NORTH	CANTUAR SAND	0.185	3.20	4.50	7.70	0.006	0.008	0.014	0.012	0.003	0.610	94	1.50	23.0	40.0	1.050	920	1000	CRE	1995
	ROSERAY SAND	0.443	8.10	14.40	22.50	0.036	0.064	0.100	0.094	0.006	3.639	59	4.95	28.0	42.0	1.070	923	1025	JUR	1995
ANTELOPE LAKE SOUTH	ROSERAY SAND	0.584	14.00	0.00	14.00	0.082	0.000	0.082	0.072	0.009	4.065	65	4.60	28.0	25.0	1.075	923	1035	JUR	1964
BATTLE CREEK	MADISON	0.917	20.20	0.00	20.20	0.185	0.000	0.185	0.152	0.033	9.438	146	6.85	16.0	40.0	1.047	997	1390	MIS	1966
	UPPER SHAUNAVON	0.563	10.60	0.00	10.60	0.061	0.000	0.061	0.057	0.004	0.980	146	4.57	12.5	25.0	1.111	945	1337	JUR	1966
BATTLE CREEK SOUTH	UPPER SHAUNAVON	1.822	36.90	0.00	36.90	0.672	0.000	0.672	0.585	0.088	16.556	194	9.60	14.2	25.0	1.111	915	1305	JUR	1988
BATTLE CREEK WEST	MADISON	0.954	10.50	0.00	10.50	0.100	0.000	0.100	0.042	0.059	14.161	146	4.50	21.5	25.0	1.111	997	1353	MIS	1995
BATTRUM	ROSERAY SAND (NON-UNIT)	0.545	10.80	0.00	10.80	0.059	0.000	0.059	0.051	0.008	1.745	49	8.50	22.1	39.3	1.026	942	883	JUR	1955
	ROSERAY SAND (UNIT NO. 1)	32.876	10.00	25.00	35.00	3.288	8.219	11.507	8.134	3.373	259.018	1810	10.73	26.0	33.2	1.026	938	883	JUR	1955
	ROSERAY SAND (UNIT NO. 2)	5.990	6.60	45.00	51.60	0.395	2.695	3.091	2.465	0.626	61.888	324	9.75	27.4	29.0	1.026	943	883	JUR	1955
	ROSERAY SAND (UNIT NO. 4)	3.431	8.30	39.20	47.50	0.285	1.345	1.630	1.591	0.038	16.187	453	5.09	25.1	39.3	1.024	942	883	JUR	1955
	ROSERAY SAND (VOLUNTARY UNIT NO. 3)	8.086	8.00	25.50	33.50	0.647	2.062	2.709	2.415	0.294	51.011	971	5.44	25.2	38.1	1.019	942	883	JUR	1955
	ROSERAY SAND (VOLUNTARY UNIT NO. 5)	0.346	10.00	11.80	21.80	0.035	0.041	0.075	0.052	0.024	2.409	65	4.82	24.4	53.8	1.022	942	883	JUR	1955
BATTRUM EAST	ROSERAY SAND	0.360	7.00	38.80	45.80	0.025	0.140	0.165	0.157	0.008	4.169	81	2.99	25.1	39.3	1.024	938	913	JUR	1987
BATTRUM NORTH	ROSERAY SAND (NON-UNIT)	0.085	14.40	34.00	48.40	0.012	0.029	0.041	0.028	0.013	3.466	32	2.00	23.0	41.0	1.026	940	865	JUR	1995
	ROSERAY SAND (VOLUNTARY UNIT NO. 1)	1.636	17.00	15.00	32.00	0.278	0.245	0.523	0.423	0.100	13.062	227	4.70	25.0	35.0	1.060	942	886	JUR	1979
BENCH	SHAUNAVON	0.082	8.10	0.00	8.10	0.007	0.000	0.007	0.007	0.000	0.122	16	4.50	15.0	20.0	1.051	915	1351	JUR	2000
	UPPER SHAUNAVON (NON-UNIT)	6.032	9.10	0.00	9.10	0.549	0.000	0.549	0.494	0.055	25.318	1182	4.00	16.0	15.0	1.064	915	1347	JUR	1969

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
BENCH	UPPER SHAUNAVON (VOL UNIT NO. 1)	1.946	6.90	0.94	7.84	0.134	0.018	0.153	0.140	0.012	2.638	445	2.90	19.9	20.0	1.058	915	1347	JUR	1969
BEVERLEY	CANTUAR SAND (NON-UNIT)	0.797	1.45	0.00	1.45	0.012	0.000	0.012	0.005	0.006	1.181	113	6.90	20.4	46.1	1.076	920	991	CRE	1969
	CANTUAR SAND (VOL UNIT NO. 1)	6.243	8.00	9.50	17.50	0.499	0.593	1.093	0.806	0.286	40.945	1230	4.30	25.1	49.4	1.076	920	991	CRE	1969
	CANTUAR SAND (VOL UNIT NO. 3)	1.025	8.05	0.00	8.05	0.083	0.000	0.083	0.073	0.009	2.280	372	2.79	21.0	49.4	1.076	920	991	CRE	1969
	ROSERAY SAND (NON-UNIT)	0.921	7.40	0.00	7.40	0.068	0.000	0.068	0.044	0.024	4.486	113	5.30	26.7	38.8	1.063	929	983	JUR	1952
	ROSERAY SAND (UNIT NO. 1)	4.036	15.00	40.60	55.60	0.605	1.639	2.244	2.040	0.204	24.807	805	3.11	28.0	38.8	1.063	926	983	JUR	1952
	ROSERAY SAND (VOL UNIT NO. 2)	1.765	9.70	39.50	49.20	0.171	0.697	0.868	0.510	0.358	47.192	372	2.90	24.4	28.0	1.074	926	983	JUR	1952
BEVERLEY EAST	CANTUAR SAND (VOL UNIT NO. 1)	1.440	12.80	0.00	12.80	0.184	0.000	0.184	0.174	0.010	5.026	550	1.61	25.0	30.0	1.076	927	975	CRE	1985
BEVERLEY NORTH	CANTUAR SAND (NON-UNIT)	0.639	9.00	0.00	9.00	0.057	0.000	0.057	0.025	0.032	3.356	97	6.30	27.7	59.4	1.076	922	969	CRE	1967
	CANTUAR SAND (VOL UNIT NO. 1)	5.673	5.20	6.20	11.40	0.295	0.352	0.647	0.464	0.182	29.252	1023	5.95	24.7	59.4	1.076	922	969	CRE	1967
BONE CREEK	UPPER SHAUNAVON (UNIT)	12.207	5.10	19.30	24.40	0.623	2.356	2.978	2.785	0.194	24.530	1882	5.28	13.8	6.0	1.056	914	1341	JUR	1954
BONE CREEK WEST	UPPER SHAUNAVON	1.188	10.00	31.50	41.50	0.119	0.374	0.493	0.137	0.356	42.746	259	2.80	18.4	6.0	1.056	915	1364	JUR	1997
BUTTE	SHAUNAVON	0.326	14.00	0.00	14.00	0.046	0.000	0.046	0.019	0.026	4.188	16	11.90	22.5	20.0	1.051	915	1325	JUR	1959
	UPPER SHAUNAVON (NON-UNIT)	14.574	6.20	5.21	11.41	0.904	0.759	1.663	0.852	0.811	100.527	2526	4.40	18.2	25.0	1.041	914	1338	JUR	1967
	UPPER SHAUNAVON (VOLUNTARY UNIT)	8.916	5.50	19.30	24.80	0.490	1.721	2.211	1.563	0.648	41.043	2137	2.54	22.8	25.0	1.041	914	1338	JUR	1967
BUTTE WEST	UPPER SHAUNAVON (NON-UNIT)	5.437	2.50	0.38	2.88	0.136	0.021	0.157	0.115	0.041	7.521	599	7.20	17.7	25.0	1.053	914	1338	JUR	1967
	UPPER SHAUNAVON (VOL UNIT NO. 1)	6.409	3.30	0.89	4.19	0.212	0.057	0.269	0.173	0.095	7.573	817	7.80	14.0	25.0	1.044	914	1338	JUR	1967
	UPPER SHAUNAVON (VOL UNIT NO. 2)	1.900	13.80	1.50	15.30	0.262	0.029	0.291	0.250	0.040	10.393	412	3.49	18.9	27.0	1.044	914	1338	JUR	1967
CANTUAR	ROSERAY SAND (CANTUAR UNIT)	13.927	37.20	0.00	37.20	5.181	0.000	5.181	3.975	1.206	271.732	2765	2.65	27.2	24.6	1.079	964	991	JUR	1952
	ROSERAY SAND (NON-UNIT)	1.012	20.30	0.00	20.30	0.205	0.000	0.205	0.124	0.081	17.386	130	5.80	26.2	35.0	1.267	964	991	JUR	1952
CANTUAR EAST	CANTUAR SAND (UNIT NO. 1)	4.814	4.10	7.80	11.90	0.197	0.375	0.573	0.408	0.165	16.573	763	5.18	23.3	43.6	1.079	920	965	CRE	1956
	CANTUAR SAND (UNIT NO. 2)	0.813	4.40	0.00	4.40	0.036	0.000	0.036	0.025	0.011	2.086	146	4.57	23.3	43.6	1.079	929	965	CRE	1956
	LOWER SHAUNAVON	1.074	10.00	8.00	18.00	0.107	0.086	0.193	0.094	0.099	14.457	259	2.60	22.0	25.0	1.035	944	1008	JUR	1962
	ROSERAY SAND (NON-UNIT)	0.838	62.00	0.00	62.00	0.519	0.000	0.519	0.326	0.194	55.744	97	5.41	26.5	35.0	1.079	935	983	JUR	1956
	ROSERAY SAND (UNIT NO. 1)	2.899	6.80	13.00	19.80	0.197	0.377	0.574	0.416	0.158	19.303	716	2.80	26.0	40.0	1.079	933	983	JUR	1956
	ROSERAY SAND (UNIT NO. 2)	1.989	11.40	38.50	49.90	0.227	0.766	0.992	0.466	0.527	43.666	502	2.74	26.0	40.0	1.079	938	983	JUR	1956
CANTUAR MAIN	CANTUAR SAND (CANTUAR UNIT)	22.107	8.70	15.14	23.84	1.923	3.347	5.270	4.996	0.275	46.338	3166	5.06	26.4	43.6	1.079	922	975	CRE	1952
	CANTUAR SAND (NON-UNIT)	0.111	14.50	0.00	14.50	0.016	0.000	0.016	0.012	0.004	0.442	16	5.05	26.4	43.6	1.079	918	975	CRE	1952
CANTUAR NORTH	ROSERAY SAND	1.000	19.80	0.00	19.80	0.198	0.000	0.198	0.145	0.053	6.335	289	2.84	21.9	40.0	1.079	941	970	JUR	1968
CHAMBERY	UPPER SHAUNAVON	0.986	21.00	0.00	21.00	0.207	0.000	0.207	0.126	0.081	10.479	259	3.22	16.9	25.0	1.075	926	1505	JUR	1980
CLINTONVILLE	SHAUNAVON	5.681	2.20	0.00	2.20	0.125	0.000	0.125	0.117	0.008	4.789	486	12.62	13.1	25.0	1.064	915	1362	JUR	1953
COVINGTON	UPPER SHAUNAVON (NON-UNIT)	0.216	19.20	0.00	19.20	0.041	0.000	0.041	0.021	0.020	1.118	64	2.70	16.6	22.0	1.036	894	1330	JUR	1966
	UPPER SHAUNAVON (UNIT NO. 1)	1.071	14.00	8.83	22.83	0.150	0.095	0.244	0.243	0.002	0.770	376	2.44	15.5	22.0	1.036	894	1330	JUR	1966
COVINGTON SOUTH	UPPER SHAUNAVON	0.339	20.50	0.00	20.50	0.069	0.000	0.069	0.069	0.000	0.000	65	5.90	11.7	22.0	1.036	906	1300	JUR	1985
COVINGTON WEST	UPPER SHAUNAVON	4.803	17.90	0.00	17.90	0.860	0.000	0.860	0.550	0.310	67.567	1036	4.00	20.6	25.0	1.333	906	1336	JUR	1969
DELTA	UPPER SHAUNAVON (NON-UNIT)	0.632	3.05	0.00	3.05	0.019	0.000	0.019	0.016	0.003	1.601	97	8.75	16.0	50.0	1.074	914	1065	JUR	1956
	UPPER SHAUNAVON (UNIT NO. 1)	9.383	12.50	16.16	28.66	1.173	1.516	2.689	2.598	0.091	14.048	2159	3.20	20.4	28.5	1.074	914	1065	JUR	1956
	UPPER SHAUNAVON (UNIT NO. 2)	2.540	7.00	10.16	17.16	0.178	0.258	0.436	0.422	0.014	3.935	716	3.81	20.0	50.0	1.074	914	1065	JUR	1956
	UPPER SHAUNAVON (VOL UNIT NO. 3)	0.989	9.60	7.31	16.91	0.095	0.072	0.167	0.161	0.006	2.480	129	5.86	23.9	41.2	1.074	914	1065	JUR	1956
DELTA WEST	UPPER SHAUNAVON	0.781	14.80	0.00	14.80	0.116	0.000	0.116	0.086	0.030	4.968	162	5.16	18.3	45.0	1.075	956	1035	JUR	1994

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
DIVIDE	MADISON	0.208	2.60	0.00	2.60	0.005	0.000	0.005	0.005	0.000	0.000	81	3.00	12.0	25.0	1.050	966	1475	MIS	1995
DOLLARD	LOWER SHAUNAVON	0.285	1.51	0.00	1.51	0.004	0.000	0.004	0.004	0.000	0.000	32	6.40	17.2	12.0	1.087	927	1392	JUR.	1987
	UPPER SHAUNAVON (E. DOLL. VOL UNIT)	1.648	20.00	27.80	47.80	0.330	0.458	0.788	0.753	0.034	6.727	469	3.20	17.2	30.6	1.087	915	1402	JUR.	1953
	UPPER SHAUNAVON (NON UNIT)	0.774	21.30	0.00	21.30	0.165	0.000	0.165	0.151	0.014	1.704	227	3.19	13.2	12.0	1.087	914	1402	JUR.	1953
	UPPER SHAUNAVON (UNIT)	26.064	20.00	39.00	59.00	5.213	10.165	15.378	14.215	1.163	129.063	3642	4.42	20.0	12.0	1.087	914	1402	JUR.	1953
EASTBROOK	SHAUNAVON	4.470	3.38	0.00	3.38	0.151	0.000	0.151	0.141	0.010	5.187	647	6.43	15.4	25.0	1.075	926	1420	JUR.	1966
EASTEND	SHAUNAVON	2.776	3.72	0.00	3.72	0.103	0.000	0.103	0.101	0.002	1.232	453	6.90	12.2	20.0	1.099	927	1457	JUR.	1952
FOSTERTON	ROSERAY SAND (MAIN UNIT)	22.341	17.00	33.30	50.30	3.798	7.440	11.238	9.874	1.364	125.388	1028	9.81	28.8	19.0	1.053	907	975	CRE.-JUR.	1952
	ROSERAY SAND (NORTHWEST UNIT)	1.978	11.00	20.20	31.20	0.218	0.400	0.617	0.597	0.020	7.398	104	8.44	28.8	19.0	1.035	933	975	CRE.-JUR.	1952
	ROSERAY SAND (WEST FOST. VOL UNIT)	1.220	11.00	45.30	56.30	0.134	0.553	0.687	0.644	0.044	13.620	146	5.03	25.0	30.0	1.053	921	975	CRE.-JUR.	1952
FOSTERTON SOUTH	CANTUAR SAND	0.835	10.80	0.00	10.80	0.090	0.000	0.090	0.082	0.009	2.670	81	7.64	22.4	35.0	1.079	947	950	CRE.	1965
	ROSERAY SAND	1.174	11.00	0.00	11.00	0.129	0.000	0.129	0.109	0.020	4.129	97	8.35	21.8	30.0	1.053	933	968	JUR.	1965
GARDENHEAD	UPPER SHAUNAVON (NON-UNIT)	0.392	8.60	0.00	8.60	0.034	0.000	0.034	0.019	0.014	3.494	97	7.90	7.1	25.0	1.042	909	1360	JUR.	1993
	UPPER SHAUNAVON (VOL UNIT NO. 1)	5.048	4.60	5.50	10.10	0.232	0.278	0.510	0.353	0.156	21.581	713	4.20	22.0	20.0	1.044	909	1360	JUR.	1993
GARDENHEAD SOUTH	UPPER SHAUNAVON	0.696	10.00	10.50	20.50	0.070	0.073	0.143	0.112	0.031	4.397	264	2.26	16.2	25.0	1.042	914	1380	JUR.	1970
GULL LAKE	BASAL CANTUAR SAND (JOHNSTON UNIT)	1.030	6.50	8.09	14.59	0.067	0.083	0.150	0.150	0.000	0.000	132	6.58	21.1	39.5	1.076	915	1100	CRE.	1953
	BASAL CANTUAR SAND (NON-UNIT)	3.279	6.97	0.00	6.97	0.229	0.000	0.229	0.181	0.048	14.441	259	9.50	23.7	39.5	1.076	927	1100	CRE.	1953
	BASAL CANTUAR SAND (VOL UNIT NO. 1)	2.729	3.30	15.00	18.30	0.090	0.409	0.499	0.468	0.031	3.361	449	3.59	26.0	30.0	1.075	914	1100	CRE.	1953
	ROSERAY SAND	0.464	3.65	0.00	3.65	0.017	0.000	0.017	0.014	0.003	1.205	49	6.30	25.0	35.0	1.080	920	1075	JUR.	1994
GULL LAKE CENTRAL	UPPER SHAUNAVON (NON UNIT)	2.943	7.42	0.00	7.42	0.218	0.000	0.218	0.206	0.012	3.157	971	3.80	16.1	46.5	1.080	907	1195	JUR.	1953
	UPPER SHAUNAVON (VOL UNIT NO. 1)	0.614	24.00	18.26	42.26	0.147	0.112	0.260	0.256	0.004	0.474	453	1.62	16.9	46.5	1.080	914	1195	JUR.	1953
GULL LAKE NORTH	BASAL CANTUAR SAND	0.209	0.82	0.00	0.82	0.002	0.000	0.002	0.002	0.000	0.000	16	7.50	29.1	35.0	1.087	927	1060	CRE.	1996
	UPPER SHAUNAVON (NON-UNIT)	0.395	40.00	0.00	40.00	0.158	0.000	0.158	0.102	0.056	9.022	97	2.80	20.0	25.0	1.031	920	1158	JUR.	1953
	UPPER SHAUNAVON (UNIT)	6.911	11.00	41.00	52.00	0.760	2.833	3.594	3.447	0.147	22.215	1246	3.93	19.4	25.0	1.031	964	1158	JUR.	1953
GULL LAKE SOUTH	UPPER SHAUNAVON (NON UNIT)	0.295	2.50	0.00	2.50	0.007	0.000	0.007	0.007	0.000	0.000	65	3.20	19.5	25.0	1.031	891	1325	JUR.	1952
	UPPER SHAUNAVON (VOL UNIT NO. 1)	1.561	9.60	6.00	15.60	0.150	0.094	0.243	0.223	0.020	5.165	779	1.22	24.7	30.0	1.053	891	1325	JUR.	1952
HAZLET	ROSERAY SAND (NON-UNIT)	0.371	11.00	0.00	11.00	0.041	0.000	0.041	0.019	0.022	4.385	49	4.25	23.7	21.0	1.050	920	963	JUR.	1963
	ROSERAY SAND (UNIT)	1.742	26.10	19.20	45.30	0.455	0.334	0.789	0.723	0.066	9.880	191	5.27	23.0	21.0	1.050	920	963	JUR.	1963
ILLERBRUN	UPPER SHAUNAVON (NON-UNIT)	0.399	12.50	0.00	12.50	0.050	0.000	0.050	0.050	0.000	0.000	97	3.62	15.4	22.0	1.057	885	1280	JUR.	1965
	UPPER SHAUNAVON (VOLUNTARY UNIT)	3.221	16.60	18.30	34.90	0.535	0.589	1.124	1.088	0.036	6.334	453	6.06	15.9	22.0	1.057	885	1280	JUR.	1965
INSTOW	UPPER SHAUNAVON (NON-UNIT)	0.204	8.90	0.00	8.90	0.018	0.000	0.018	0.014	0.004	1.256	65	3.30	11.8	15.0	1.056	922	1372	JUR.	1954
	UPPER SHAUNAVON (SOUTH VOL UNIT)	1.855	14.60	14.80	29.40	0.271	0.274	0.545	0.471	0.074	15.872	441	3.21	16.4	15.0	1.064	914	1372	JUR.	1954
	UPPER SHAUNAVON (UNIT)	22.063	9.40	37.70	47.10	2.074	8.318	10.391	9.307	1.085	97.844	4244	4.68	13.8	15.0	1.056	914	1372	JUR.	1954
JAVA	CANTUAR SAND	0.975	1.80	8.10	9.90	0.018	0.079	0.097	0.081	0.016	1.496	347	2.09	24.0	40.0	1.071	947	1013	CRE.	1955
JAVA NORTH	CANTUAR SAND	2.239	6.00	1.90	7.90	0.134	0.043	0.177	0.149	0.028	8.555	132	9.00	28.0	30.0	1.040	971	1005	CRE.	1984
JAVA WEST	CANTUAR SAND	4.215	9.50	0.00	9.50	0.400	0.000	0.400	0.219	0.181	46.764	211	10.60	28.0	30.0	1.040	960	995	CRE.	1996
JOHNSTON	UPPER SHAUNAVON (JOHNSTON UNIT)	0.327	10.68	0.00	10.68	0.035	0.000	0.035	0.035	0.000	0.000	160	1.60	19.0	30.0	1.040	914	1188	JUR.	1953
	UPPER SHAUNAVON (NON-UNIT)	0.106	0.73	0.00	0.73	0.001	0.000	0.001	0.001	0.000	0.000	32	2.50	16.0	15.0	1.031	914	1188	JUR.	1953
LEITCHVILLE	SHAUNAVON (NON-UNIT)	4.314	4.97	0.00	4.97	0.214	0.000	0.214	0.199	0.016	6.725	906	5.79	14.0	37.5	1.064	923	1371	JUR.	1980
	SHAUNAVON (VOLUNTARY UNIT)	4.629	2.50	8.00	10.50	0.116	0.370	0.486	0.398	0.088	11.270	1664	2.60	15.3	25.6	1.064	914	1371	JUR.	1960

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	---------- % ----------			---------- 1000000 m3 ----------					1000 m3	ha	m	------- % -------			KG/m3	m		
LEON LAKE	SHAUNAVON	4.319	9.90	0.00	9.90	0.428	0.000	0.428	0.407	0.021	8.220	890	5.24	16.3	40.0	1.056	922	1371	JUR	1953
MAIN SUCCESS	ROSERAY SAND (MAIN UNIT)	6.858	13.00	32.90	45.90	0.892	2.256	3.148	2.870	0.278	26.255	770	4.51	26.8	19.9	1.087	914	975	JUR	1952
NORTH PREMIER	ROSERAY SAND (NON UNIT)	0.527	29.00	0.00	29.00	0.153	0.000	0.153	0.110	0.043	5.556	81	3.60	25.1	25.0	1.042	917	1006	JUR	1953
	ROSERAY SAND (UNIT NO. 1)	4.017	15.00	31.23	46.23	0.603	1.254	1.857	1.831	0.026	6.754	364	4.66	32.9	25.0	1.042	918	1006	JUR	1953
	ROSERAY SAND (VOL UNIT NO. 4)	4.840	15.00	45.60	60.60	0.726	2.207	2.933	2.667	0.266	30.636	460	6.42	26.7	35.8	1.046	913	1006	JUR	1953
	UPPER SHAUNAVON (NON-UNIT)	4.393	8.50	6.30	14.80	0.373	0.277	0.650	0.377	0.274	36.900	729	4.50	18.8	25.0	1.053	906	1067	JUR	1953
	UPPER SHAUNAVON (UNIT NO. 1)	0.323	20.50	0.00	20.50	0.066	0.000	0.066	0.050	0.016	2.994	65	4.57	16.1	25.0	1.111	914	1067	JUR	1953
	UPPER SHAUNAVON (VOL UNIT NO. 4)	4.381	6.80	10.70	17.50	0.298	0.469	0.767	0.569	0.198	17.493	1572	2.80	19.0	45.0	1.050	906	1067	JUR	1953
	UPPER SHAUNAVON (VOLUNTARY UNIT)	0.942	6.00	11.60	17.60	0.056	0.109	0.166	0.156	0.010	2.451	291	3.36	16.9	40.0	1.053	914	1067	JUR	1953
NOTUKEU	UPPER SHAUNAVON	2.541	1.86	0.00	1.86	0.047	0.000	0.047	0.040	0.007	0.863	583	4.58	13.5	25.0	1.064	917	1368	JUR	1969
PENNANT	UPPER SHAUNAVON (VOLUNTARY UNIT)	0.555	20.90	5.30	26.20	0.116	0.029	0.145	0.131	0.015	2.753	375	2.10	16.5	55.0	1.053	928	990	JUR	1965
RANGEVIEW	MADISON	0.810	16.50	0.00	16.50	0.134	0.000	0.134	0.123	0.010	4.291	130	6.75	12.9	25.0	1.047	966	1440	MIS	1994
RANGEVIEW EAST	MADISON	0.817	8.80	0.00	8.80	0.072	0.000	0.072	0.050	0.022	9.443	178	3.99	17.2	30.0	1.047	965	1380	MIS	1994
RAPDAN	UPPER SHAUNAVON (N RAPDAN VOL UNIT)	3.974	3.50	2.72	6.22	0.139	0.108	0.247	0.229	0.018	3.881	497	5.06	17.7	5.0	1.064	914	1402	JUR	1953
	UPPER SHAUNAVON (NON-UNIT)	2.200	1.52	0.00	1.52	0.033	0.000	0.033	0.031	0.003	1.618	453	3.73	16.3	15.0	1.064	919	1402	JUR	1953
	UPPER SHAUNAVON (UNIT)	16.574	6.70	19.35	26.05	1.110	3.207	4.317	4.015	0.302	49.529	3400	5.00	15.0	30.0	1.077	914	1402	JUR	1953
	UPPER SHAUNAVON (VOL UNIT NO. 2)	1.111	6.60	15.60	22.20	0.073	0.173	0.247	0.221	0.026	7.252	259	4.14	15.6	28.3	1.080	914	1402	JUR	1953
RAPDAN NORTH	LOWER SHAUNAVON	1.634	1.57	0.00	1.57	0.026	0.000	0.026	0.024	0.002	0.255	194	8.00	14.0	20.0	1.064	920	1465	JUR	1969
RAPDAN SOUTH	UPPER SHAUNAVON	0.882	4.09	0.00	4.09	0.036	0.000	0.036	0.031	0.005	1.658	275	2.88	15.3	20.0	1.099	920	1400	JUR	1984
RAPDAN WEST	SHAUNAVON	6.367	4.51	0.00	4.51	0.287	0.000	0.287	0.280	0.007	5.331	1554	3.45	13.3	5.0	1.064	921	1407	JUR	1955
ROSS LAKE	CANTUAR SAND	2.192	1.05	0.00	1.05	0.023	0.000	0.023	0.012	0.011	2.892	81	12.30	33.0	30.0	1.050	985	1135	CRE	1997
SEWARD	CANTUAR SAND	0.586	4.79	0.00	4.79	0.028	0.000	0.028	0.020	0.008	4.378	162	2.23	26.8	35.0	1.075	933	1010	CRE	1996
	SUCCESS SAND	2.534	3.00	0.00	3.00	0.076	0.000	0.076	0.050	0.026	5.755	259	6.83	23.4	35.0	1.060	930	1025	CRE	1996
SOUTH SUCCESS	ROSERAY SAND (SOUTHWEST UNIT)	2.309	16.40	9.30	25.70	0.379	0.215	0.593	0.525	0.068	13.133	261	5.66	24.0	30.0	1.075	934	975	JUR	1953
	ROSERAY SAND (SUCCESS UNIT)	8.751	13.20	38.40	51.60	1.155	3.360	4.515	4.231	0.284	37.303	748	6.07	27.4	23.4	1.089	914	975	JUR	1953
SUCCESS ALPHA	ROSERAY SAND (ALPHA UNIT)	1.440	14.30	34.60	48.90	0.206	0.498	0.704	0.649	0.055	3.649	176	4.60	24.8	22.9	1.075	920	975	JUR	1953
SUCCESS NORTH	ROSERAY SAND (VOLUNTARY UNIT)	1.038	28.40	40.50	68.90	0.295	0.420	0.715	0.543	0.172	19.654	297	2.39	25.0	37.0	1.077	929	966	JUR	1966
SUFFIELD	BASAL CANTUAR SAND	5.351	6.50	0.00	6.50	0.348	0.000	0.348	0.204	0.143	27.743	291	12.40	24.8	35.0	1.087	927	1060	CRE	1996
	ROSERAY SAND (NON UNIT)	6.226	5.30	11.00	16.30	0.330	0.685	1.015	0.554	0.460	63.951	421	9.70	24.7	35.0	1.053	920	1035	JUR	1963
	ROSERAY SAND (UNIT NO. 1)	2.870	15.00	38.00	53.00	0.430	1.090	1.521	1.469	0.052	11.041	324	6.20	28.0	45.0	1.078	919	1036	JUR	1954
	ROSERAY SAND (UNIT NO. 3)	2.780	13.00	49.40	62.40	0.361	1.373	1.735	1.629	0.105	21.619	593	2.99	26.0	35.0	1.078	918	1036	JUR	1954
	UPPER SHAUNAVON (NON UNIT)	3.469	3.93	0.00	3.93	0.136	0.000	0.136	0.112	0.024	5.338	356	7.28	18.4	25.0	1.031	937	1097	JUR	1954
	UPPER SHAUNAVON (UNIT NO. 2)	3.581	7.00	25.70	32.70	0.251	0.920	1.171	0.973	0.198	23.855	777	3.60	17.6	25.0	1.031	914	1097	JUR	1954
	UPPER SHAUNAVON (UNIT NO. 3)	0.805	9.90	27.00	36.90	0.080	0.217	0.297	0.285	0.012	3.575	262	2.28	22.8	36.2	1.080	918	1097	JUR	1954
SUFFIELD WEST	CANTUAR SAND	1.150	4.95	0.00	4.95	0.057	0.000	0.057	0.054	0.003	0.570	65	10.80	26.0	30.0	1.111	917	1033	CRE	1964
SWIFT CURRENT WEST	BASAL MANNVILLE	4.204	1.63	0.00	1.63	0.069	0.000	0.069	0.037	0.032	2.427	[illegible]7	12.50	24.0	35.0	1.053	993	1046	CRE	1984
VERLO	ROSERAY SAND	0.208	26.50	0.00	26.50	0.055	0.000	0.055	0.012	0.043	4.748	16	7.07	28.0	29.0	1.080	920	963	JUR	1956
	ROSERAY SAND (UNIT)	10.424	3.50	42.50	46.00	0.365	4.430	4.795	3.457	1.338	90.105	801	7.07	28.0	29.0	1.080	920	963	JUR	1956
WEBB	CANTUAR SAND	11.562	4.50	4.00	8.50	0.520	0.462	0.983	0.930	0.053	44.632	1069	6.65	25.0	30.0	1.076	930	1000	CRE	1995
WEBB SOUTH	CANTUAR SAND	1.335	4.00	2.00	6.00	0.053	0.027	0.080	0.069	0.011	4.849	130	6.00	26.3	30.0	1.076	930	1000	CRE	1995

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3		%				1000000 m3			1000 m3	ha	m		%		KG/m3	m		
WEBB WEST	CANTUAR SAND	2.251	7.80	0.00	7.80	0.176	0.000	0.176	0.160	0.015	14.748	291	5.80	20.5	30.0	1.076	930	1000	CRE	1996
WHITEMUD	SHAUNAVON	8.391	2.68	0.00	2.68	0.225	0.000	0.225	0.185	0.040	9.137	1036	6.81	16.1	20.0	1.083	924	1432	JUR	1953
	TOTAL AREA 3M	**541.643**				**54.466**	**87.114**	**141.5801**	**119.735**	**21.846**	**2,858.041**									
AREA 4L																				
MISCELLANEOUS	ALIDA	7.360	5.52	0.00	5.52	0.406	0.000	0.406	0.256	0.150	40.733	1457	7.70	13.0	35.0	1.288			MIS	
	BAKKEN SAND	5.148	3.80	0.00	3.80	0.196	0.000	0.196	0.168	0.028	7.811	1036	8.20	11.1	34.0	1.209			MIS	
	BIRDBEAR	1.173	6.30	0.00	6.30	0.074	0.000	0.074	0.038	0.036	5.742	324	4.50	12.4	25.0	1.156			DEV	
	DUPEROW	1.936	3.60	0.00	3.60	0.070	0.000	0.070	0.055	0.015	5.927	259	10.80	13.4	45.0	1.064			DEV	
	FROBISHER	30.849	7.80	0.00	7.80	2.406	0.000	2.406	0.802	1.604	161.745	6865	8.10	10.8	34.3	1.279			MIS	
	FROBISHER-ALIDA	6.492	5.25	0.00	5.25	0.341	0.000	0.341	0.142	0.199	22.833	1230	8.20	13.2	35.0	1.333			MIS	
	INTERLAKE	1.381	1.80	0.00	1.80	0.025	0.000	0.025	0.017	0.008	17.138	65	69.00	5.0	20.0	1.299			DEV	
	KISBEY	0.132	4.65	0.00	4.65	0.006	0.000	0.006	0.002	0.004	1.064	32	4.17	22.5	48.2	1.176			MIS	
	LOWER WATROUS	0.000	0.00	0.00	0.00	0.000	0.000	0.000	0.001	0.000	0.000	0	4.40	13.1	45.0	1.111			TRI	
	LOWER WATROUS-ALIDA	0.229	3.98	0.00	3.98	0.009	0.000	0.009	0.009	0.001	0.335	32	10.00	13.6	30.0	1.333			TRI MIS	
	MIDALE	9.519	6.10	0.00	6.10	0.581	0.000	0.581	0.293	0.288	38.184	2169	7.50	12.0	35.0	1.333			MIS	
	RED RIVER	33.728	2.40	0.00	2.40	0.809	0.000	0.809	0.469	0.340	54.155	3238	22.00	8.2	31.0	1.195			ORD	
	SOURIS VALLEY	2.246	3.00	0.00	3.00	0.067	0.000	0.067	0.062	0.005	1.979	324	14.00	11.0	50.0	1.111			MIS	
	TILSTON	5.344	3.55	0.00	3.55	0.190	0.000	0.190	0.088	0.101	10.503	842	10.40	11.3	40.0	1.111			MIS	
	TILSTON-SOURIS VALLEY	0.775	1.73	0.00	1.73	0.013	0.000	0.013	0.013	0.001	1.615	81	14.40	12.3	40.0	1.111			MIS	
	WINNIPEG SAND	2.060	2.30	0.00	2.30	0.047	0.000	0.047	0.047	0.001	0.993	260	12.00	10.0	25.0	1.136			ORD	
	WINNIPEGOSIS	22.242	1.42	0.00	1.42	0.316	0.000	0.316	0.223	0.093	13.683	1230	29.00	10.4	19.0	1.351			DEV	
ALAMEDA	MIDALE (CENTRAL UNIT)	1.162	11.70	29.60	41.30	0.136	0.344	0.480	0.456	0.024	3.912	680	2.53	16.3	43.0	1.376	823	1347	MIS	1956
	MIDALE (EAST UNIT)	4.848	19.36	40.50	59.86	0.939	1.964	2.902	2.055	0.848	50.730	2363	2.77	17.2	41.0	1.370	826	1347	MIS	1956
	MIDALE (NON-UNIT)	7.538	3.61	0.00	3.61	0.272	0.000	0.272	0.239	0.033	9.233	1683	9.20	11.5	42.0	1.370	842	1347	MIS	1956
	MIDALE (NORTH UNIT)	1.000	11.90	17.15	29.05	0.119	0.172	0.291	0.285	0.006	1.038	421	3.44	16.6	43.0	1.370	829	1347	MIS	1956
	MIDALE (SOUTH UNIT)	1.792	13.30	15.40	28.70	0.238	0.276	0.514	0.487	0.027	3.557	906	3.35	14.5	45.0	1.351	829	1347	MIS	1956
	MIDALE (VOLUNTARY UNIT NO. 1)	1.135	8.06	1.90	9.96	0.091	0.022	0.113	0.097	0.016	2.512	356	9.06	9.9	51.3	1.370	842	1347	MIS	1956
	MIDALE (VOLUNTARY UNIT NO. 2)	0.218	31.10	5.45	36.55	0.068	0.012	0.080	0.068	0.012	1.075	278	1.30	12.5	40.0	1.243	826	1284	MIS	1983
ALAMEDA EAST	FROBISHER	2.671	4.78	0.00	4.78	0.128	0.000	0.128	0.115	0.013	5.032	567	7.00	13.8	35.0	1.333	858	1275	MIS	1983
ALAMEDA WEST	FROBISHER	0.569	1.40	0.00	1.40	0.008	0.000	0.008	0.008	0.000	0.564	162	6.00	12.0	35.0	1.333	845	1375	MIS	1982
	MIDALE (NON-UNIT)	0.187	4.65	0.00	4.65	0.009	0.000	0.009	0.006	0.002	0.590	49	8.00	11.7	45.0	1.351	843	1356	MIS	1982
	MIDALE (VOLUNTARY UNIT NO. 1)	0.771	5.00	3.15	8.15	0.039	0.024	0.063	0.061	0.002	0.994	181	8.94	11.7	45.0	1.351	843	1356	MIS	1982
ALIDA EAST	FROBISHER-ALIDA (NON-UNIT)	0.626	8.16	0.00	8.16	0.051	0.000	0.051	0.049	0.002	0.802	97	7.92	16.7	35.0	1.333	824	1122	MIS	1954
	FROBISHER-ALIDA (UNIT)	11.208	30.98	0.00	30.98	3.472	0.000	3.472	3.234	0.238	90.314	1619	7.99	16.5	30.0	1.333	824	1122	MIS	1954
ALIDA NORTH	ALIDA	1.724	24.40	0.00	24.40	0.421	0.000	0.421	0.352	0.068	11.175	178	11.90	15.5	30.0	1.333	836	1143	MIS	1962
ALIDA WEST	FROBISHER-ALIDA	15.375	33.30	0.00	33.30	5.120	0.000	5.120	3.938	1.182	154.962	1554	13.40	13.9	31.0	1.299	836	1143	MIS	1955
AMULET	RATCLIFFE	1.295	2.84	0.00	2.84	0.037	0.000	0.037	0.028	0.009	1.619	162	6.40	22.2	25.0	1.333	870	1510	MIS	1976
ARCOLA	FROBISHER-ALIDA	12.712	28.50	0.00	28.50	3.623	0.000	3.623	2.434	1.188	78.615	1538	11.30	15.0	35.0	1.333	854	1199	MIS	1964

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
ARCOLA NORTH	ALIDA	0.178	7.10	0.00	7.10	0.013	0.000	0.013	0.011	0.002	0.682	65	4.60	12.2	35.0	1.333	854	1296	MIS	1991
ASHLEY LAKE	TILSTON	0.986	30.50	0.00	30.50	0.301	0.000	0.301	0.121	0.180	22.933	146	5.00	25.0	40.0	1.111	843	1278	MIS	1985
AUBURNTON	FROBISHER ALIDA	0.150	13.00	0.00	13.00	0.019	0.000	0.019	0.018	0.002	0.304	49	5.10	12.3	35.0	1.333	832	1197	MIS	1985
BELLEGARDE	TILSTON	2.809	3.23	0.00	3.23	0.091	0.000	0.091	0.079	0.011	3.574	291	13.34	13.4	40.0	1.111	842	1012	MIS	1988
BEMERSYDE	RED RIVER	1.784	0.80	0.00	0.80	0.014	0.000	0.014	0.013	0.001	1.200	130	26.50	9.6	35.0	1.205	859	2110	ORD	1997
BENNETT LAKE	ALIDA	0.433	8.18	0.00	8.18	0.035	0.000	0.035	0.034	0.002	1.661	259	4.50	6.1	35.0	1.067	860	1323	MIS	1986
BENSON	FROBISHER	2.870	5.46	0.00	5.46	0.157	0.000	0.157	0.153	0.004	2.234	421	12.30	8.9	30.0	1.124	832	1197	MIS	1985
	WINNIPEGOSIS	3.628	3.04	0.00	3.04	0.110	0.000	0.110	0.088	0.022	1.696	389	15.40	10.1	19.0	1.351	868	2280	DEV	1990
BIENFAIT	MIDALE	2.551	16.90	0.00	16.90	0.431	0.000	0.431	0.412	0.019	7.055	421	12.60	8.7	35.0	1.176	852	1589	MIS	1980
BROMHEAD EAST	RED RIVER	0.550	12.40	0.00	12.40	0.068	0.000	0.068	0.035	0.033	4.803	97	27.00	3.8	35.0	1.176	856	2851	ORD	1980
BROWNING	FROBISHER-ALIDA	3.866	18.86	0.00	18.86	0.729	0.000	0.729	0.715	0.015	9.630	631	12.20	10.3	35.0	1.333	853	1280	MIS	1957
BROWNING NORTH	FROBISHER ALIDA	0.322	34.50	0.00	34.50	0.111	0.000	0.111	0.101	0.010	5.195	356	2.34	7.0	35.0	1.176	855	1263	MIS	1985
BROWNING SOUTH	FROBISHER	4.786	11.70	0.00	11.70	0.560	0.000	0.560	0.327	0.233	48.913	842	9.40	12.4	35.0	1.333	870	1310	MIS	1998
BUFFALO HEAD	FROBISHER-ALIDA	3.052	17.62	0.00	17.62	0.538	0.000	0.538	0.520	0.018	10.889	907	5.75	12.0	35.0	1.333	854	1207	MIS	1993
CANTAL	FROBISHER-ALIDA (NON UNIT)	6.091	16.20	0.00	16.20	0.987	0.000	0.987	0.846	0.141	37.190	923	10.10	13.4	35.0	1.333	834	1196	MIS	1956
	FROBISHER ALIDA (VOL UNIT NO. 1)	0.185	59.00	0.00	59.00	0.109	0.000	0.109	0.080	0.029	11.092	97	5.90	6.9	35.0	1.389	823	1196	MIS	1956
CANTAL SOUTH	FROBISHER ALIDA	4.325	24.70	0.00	24.70	1.068	0.000	1.068	0.934	0.135	19.401	988	13.40	6.7	35.0	1.333	828	1135	MIS	1956
CARLYLE	ALIDA	0.461	6.60	0.00	6.60	0.030	0.000	0.030	0.025	0.005	2.643	97	6.50	15.0	35.0	1.333	850	1180	MIS	1956
CARLYLE SOUTH	LOWER WATROUS	1.137	2.27	0.00	2.27	0.026	0.000	0.026	0.024	0.002	1.061	259	6.00	15.0	35.0	1.333	852	1140	TRI	1992
CARNDUFF	FROBISHER	10.529	8.82	0.00	8.82	0.929	0.000	0.929	0.878	0.051	22.199	1975	8.22	13.3	35.0	1.333	854	1298	MIS	1956
	MIDALE (EAST UNIT)	8.421	15.40	21.40	36.80	1.297	1.802	3.099	3.022	0.077	13.532	5568	2.00	14.4	30.0	1.333	844	1280	MIS	1955
	MIDALE (NON UNIT)	2.216	11.50	0.00	11.50	0.255	0.000	0.255	0.238	0.016	4.854	696	6.40	10.2	35.0	1.333	835	1280	MIS	1955
	MIDALE (SOUTH VOLUNTARY UNIT)	1.089	10.43	0.00	10.43	0.114	0.000	0.114	0.113	0.001	0.377	680	2.50	12.2	30.0	1.333	839	1280	MIS	1955
	MIDALE (VOLUNTARY UNIT NO. 1)	0.433	14.20	36.60	50.80	0.062	0.159	0.220	0.151	0.069	6.299	223	2.70	13.7	30.0	1.333	837	1280	MIS	1955
	MIDALE (VOLUNTARY UNIT NO. 2)	0.288	11.00	12.60	23.60	0.032	0.036	0.068	0.051	0.017	1.759	160	3.43	10.0	30.0	1.333	837	1216	MIS	1984
	MIDALE (VOLUNTARY UNIT NO. 3)	0.301	15.04	1.48	16.52	0.045	0.004	0.050	0.048	0.002	0.725	86	4.94	13.5	30.0	1.333	845	1218	MIS	1963
	MIDALE (WEST UNIT)	3.421	13.00	35.00	48.00	0.445	1.197	1.642	1.552	0.090	11.925	2104	2.40	12.9	30.0	1.333	844	1280	MIS	1955
CEYLON	BAKKEN SAND	2.512	0.97	0.00	0.97	0.024	0.000	0.024	0.016	0.008	0.920	162	22.00	10.0	25.0	1.064	825	1953	MIS	1992
CLARILAW	FROBISHER ALIDA	0.987	29.10	0.00	29.10	0.287	0.000	0.287	0.265	0.022	6.427	405	4.27	11.7	35.0	1.333	858	1231	MIS	1963
CLARILAW EAST	FROBISHER ALIDA	1.179	20.00	0.00	20.00	0.236	0.000	0.236	0.080	0.156	25.028	324	7.00	10.0	35.0	1.250	860	1215	MIS	1998
CLARILAW WEST	FROBISHER ALIDA (KISBEY VOL UNIT)	0.672	30.40	0.00	30.40	0.204	0.000	0.204	0.193	0.012	1.838	210	5.40	11.4	35.0	1.250	843	1234	MIS	1963
	FROBISHER ALIDA (NON UNIT)	0.484	8.27	0.00	8.27	0.040	0.000	0.040	0.038	0.002	1.015	113	8.50	9.7	35.0	1.250	843	1234	MIS	1963
CRYSTAL HILL	SOURIS VALLEY	0.895	12.41	0.00	12.41	0.111	0.000	0.111	0.109	0.002	1.095	291	6.19	9.2	40.0	1.111	861	1113	MIS	1966
DALESBORO	FROBISHER-ALIDA	0.216	18.70	0.00	18.70	0.040	0.000	0.040	0.039	0.001	0.435	81	4.88	11.2	35.0	1.333	853	1262	MIS	1966
DALESBORO NORTH	FROBISHER ALIDA	0.406	3.70	0.00	3.70	0.015	0.000	0.015	0.012	0.003	0.833	65	8.10	13.7	25.0	1.333	844	1254	MIS	1957
EDENVALE	TILSTON	4.813	14.60	0.00	14.60	0.703	0.000	0.703	0.541	0.161	17.628	842	7.30	14.5	40.0	1.111	853	1126	MIS	1963
EDENVALE NORTH	TILSTON	0.272	6.81	0.00	6.81	0.019	0.000	0.019	0.018	0.000	0.145	97	4.00	13.0	40.0	1.111	850	1125	MIS	1985
ELMORE	FROBISHER (NON-UNIT)	1.169	7.40	0.00	7.40	0.086	0.000	0.086	0.081	0.006	4.543	259	9.00	10.6	45.0	1.163	875	1219	MIS	1961
	FROBISHER (VOLUNTARY UNIT)	5.019	28.40	14.60	43.00	1.425	0.733	2.158	2.058	0.100	13.728	874	7.00	15.9	40.0	1.163	871	1219	MIS	1961
	MIDALE	0.292	26.80	0.00	26.80	0.078	0.000	0.078	0.076	0.002	0.494	194	2.71	11.4	35.0	1.333	841	1204	MIS	1961

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	---------- % ----------			---------- 1000000 m3 ----------					1000 m3	ha	m	---------- % ----------			KG/m3	m		
FERTILE	TILSTON	0.265	7.62	0.00	7.62	0.020	0.000	0.020	0.020	0.000	0.210	49	6.87	14.6	40.0	1.111	860	953	MIS	1983
	TILSTON-SOURIS VALLEY	0.369	4.15	0.00	4.15	0.015	0.000	0.015	0.012	0.003	0.647	65	9.15	11.5	40.0	1.111	860	953	MIS	1956
FLAT LAKE	RATCLIFFE (NON-UNIT)	0.265	10.41	0.00	10.41	0.028	0.000	0.028	0.024	0.003	1.131	65	8.00	9.8	35.0	1.250	848	1956	MIS	1965
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	8.172	10.00	17.42	27.42	0.817	1.424	2.241	2.130	0.110	21.187	2428	5.64	14.1	49.0	1.205	865	1956	MIS	1965
	RATCLIFFE (VOLUNTARY UNIT NO. 2)	1.067	4.70	2.40	7.10	0.050	0.026	0.076	0.055	0.021	1.974	259	6.60	15.3	49.0	1.250	850	1956	MIS	1965
FLORENCE	FROBISHER	3.075	9.25	0.00	9.25	0.284	0.000	0.284	0.192	0.092	18.712	712	7.03	12.6	35.0	1.333	843	1290	MIS	1965
FLORENCE SOUTH	FROBISHER	0.846	12.10	0.00	12.10	0.102	0.000	0.102	0.056	0.047	27.599	291	8.40	7.1	35.0	1.333	860	1365	MIS	1995
	MIDALE	0.095	25.00	0.00	25.00	0.024	0.000	0.024	0.008	0.016	4.914	65	3.00	10.0	35.0	1.333	832	1330	MIS	2001
FREDA LAKE	RATCLIFFE (NON-UNIT)	2.300	8.50	4.60	13.10	0.196	0.106	0.301	0.174	0.128	6.313	372	5.30	21.7	40.0	1.116	870	1694	MIS	1967
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	7.506	11.50	8.80	20.30	0.863	0.661	1.524	1.015	0.509	29.694	2720	2.30	23.7	43.5	1.116	870	1290	MIS	1965
FROUDE	RED RIVER	1.434	25.50	0.00	25.50	0.366	0.000	0.366	0.191	0.175	14.077	130	23.00	7.7	25.0	1.204	839	2400	ORD	1997
FRYS	TILSTON-SOURIS VALLEY	5.639	7.35	0.18	7.53	0.415	0.010	0.425	0.314	0.111	12.759	631	12.73	13.0	40.0	1.111	846	974	MIS	1958
FRYS EAST	TILSTON-SOURIS VALLEY	2.609	3.51	0.00	3.51	0.092	0.000	0.092	0.088	0.003	4.197	275	14.40	12.2	40.0	1.111	846	974	MIS	1984
GAINSBOROUGH	FROBISHER ALIDA (NON-UNIT)	14.115	13.10	0.00	13.10	1.849	0.000	1.849	1.316	0.534	92.202	2445	9.20	10.3	30.0	1.149	865	1072	MIS	1956
	FROBISHER ALIDA (VOLUNTARY UNIT)	1.090	10.80	8.60	19.40	0.118	0.094	0.211	0.187	0.024	4.609	243	6.40	11.5	30.0	1.149	858	1072	MIS	1956
GAINSBOROUGH NORTH	FROBISHER ALIDA	6.332	19.45	0.00	19.45	1.232	0.000	1.232	1.181	0.051	17.181	879	9.33	12.1	30.0	1.097	865	1077	MIS	1987
GAINSBOROUGH WEST	FROBISHER (VOLUNTARY UNIT NO. 1)	0.699	9.39	0.00	9.39	0.066	0.000	0.066	0.064	0.002	0.653	162	6.90	10.0	30.0	1.120	854	1115	MIS	1984
GLEN EWEN	FROBISHER	3.285	12.55	0.55	13.10	0.412	0.018	0.430	0.344	0.086	25.177	648	9.90	10.5	35.0	1.333	818	1304	MIS	1954
	MIDALE (NON-UNIT)	0.478	3.18	0.00	3.18	0.015	0.000	0.015	0.014	0.001	0.374	146	4.80	14.0	35.0	1.333	826	1280	MIS	1954
	MIDALE (UNIT)	5.989	13.00	5.87	18.87	0.779	0.352	1.130	1.113	0.017	3.829	4209	2.13	13.7	35.0	1.333	828	1280	MIS	1954
GLEN EWEN NORTH	FROBISHER	1.663	8.10	0.00	8.10	0.135	0.000	0.135	0.102	0.033	26.100	275	9.50	12.9	35.0	1.317	820	1275	MIS	1991
HARDY SOUTH	RED RIVER	6.067	1.97	0.00	1.97	0.120	0.000	0.120	0.093	0.026	11.931	389	21.50	12.4	35.0	1.111	845	2734	ORD	2000
HARTAVEN	RED RIVER	2.370	2.08	0.30	2.08	0.049	0.000	0.049	0.042	0.007	1.536	194	29.30	6.7	25.0	1.205	807	2312	ORD	1997
	WINNIPEG SAND	1.504	3.05	0.00	3.05	0.046	0.000	0.046	0.046	0.000	0.099	130	18.40	8.7	15.0	1.176	760	2415	ORD	1997
HASTINGS	FROBISHER (NON-UNIT)	16.886	17.70	0.00	17.70	2.989	0.000	2.989	2.768	0.221	41.844	3516	9.70	11.0	40.0	1.333	842	1200	MIS	1955
	FROBISHER (UNIT)	2.370	28.60	6.60	35.20	0.678	0.156	0.834	0.774	0.061	5.106	502	6.49	14.8	37.0	1.282	833	1200	MIS	1955
	FROBISHER (VOLUNTARY UNIT NO. 1)	4.702	17.50	9.77	27.27	0.823	0.459	1.282	1.244	0.039	7.141	1105	6.37	13.7	35.0	1.333	840	1200	MIS	1955
	FROBISHER (VOLUNTARY UNIT NO. 2)	5.705	11.00	3.33	14.33	0.628	0.190	0.818	0.816	0.001	0.428	971	6.10	19.6	37.0	1.282	843	1200	MIS	1955
HASTINGS EAST	FROBISHER	4.256	21.60	0.00	21.60	0.919	0.000	0.919	0.819	0.100	22.045	1214	8.17	8.8	35.0	1.333	837	1147	MIS	1956
HASTINGS NORTH	FROBISHER	0.428	3.30	0.00	3.30	0.014	0.000	0.014	0.011	0.003	3.742	113	4.00	19.4	35.0	1.333	845	1175	MIS	1997
HASTINGS WEST	FROBISHER	1.100	15.85	0.00	15.85	0.174	0.000	0.174	0.158	0.016	5.083	389	5.47	10.6	35.0	1.333	837	1147	MIS	1963
HAZELWOOD	TILSTON	5.027	15.15	0.00	15.15	0.762	0.000	0.762	0.694	0.068	19.005	664	10.62	13.2	40.0	1.111	848	1174	MIS	1963
HAZEL WOOD CENTRAL	TILSTON	6.114	7.70	0.00	7.70	0.471	0.000	0.471	0.407	0.064	16.170	907	8.98	13.9	40.0	1.111	864	1203	MIS	1989
HITCHCOCK	WINNIPEGOSIS	8.109	2.29	0.00	2.29	0.186	0.000	0.186	0.183	0.003	1.656	421	31.83	10.9	25.0	1.351	863	2485	DEV	1988
HOFFER	RATCLIFFE	1.589	21.20	0.00	21.20	0.337	0.000	0.337	0.302	0.035	6.612	421	6.60	11.0	35.0	1.250	878	1931	MIS	1964
HUME	FROBISHER	3.235	14.50	0.00	14.50	0.469	0.000	0.469	0.455	0.014	9.208	793	8.84	8.0	35.0	1.124	883	1350	MIS	1967
HUMMINGBIRD	BAKKEN (VOLUNTARY UNIT NO. 1)	0.525	24.00	4.10	28.10	0.126	0.022	0.147	0.136	0.011	3.750	162	4.94	9.3	25.0	1.064	825	2226	MIS	1966
	BIRDBEAR (VOLUNTARY UNIT NO. 1)	1.167	49.60	0.00	49.60	0.579	0.000	0.579	0.551	0.028	4.953	209	9.05	10.3	28.7	1.190	830	2326	DEV	1966
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	4.118	12.00	17.20	29.20	0.494	0.708	1.202	0.984	0.218	25.683	442	10.71	14.0	30.6	1.117	870	1890	MIS	1966
HUMMINGBIRD SOUTH	BAKKEN SAND	0.262	12.50	0.00	12.50	0.033	0.000	0.033	0.028	0.004	1.157	32	15.50	9.4	25.0	1.333	825	2265	MIS	1968

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
HUMMINGBIRD SOUTH	RATCLIFFE	1.817	15.90	0.00	15.90	0.289	0.000	0.289	0.248	0.041	5.914	113	22.60	12.3	35.0	1.124	870	1925	MIS	1967
INGOLDSBY	FROBISHER-ALIDA (NON-UNIT)	12.906	19.50	0.00	19.50	2.517	0.000	2.517	1.554	0.963	94.948	1704	11.10	11.2	30.0	1.149	850	1089	MIS	1955
	FROBISHER-ALIDA (VOLUNTARY UNIT)	6.242	54.70	0.00	54.70	3.415	0.000	3.415	3.124	0.290	58.377	907	8.69	13.0	30.0	1.149	865	1089	MIS	1955
INGOLDSBY EAST	ALIDA	4.180	9.38	0.00	9.38	0.392	0.000	0.392	0.314	0.078	17.948	502	10.30	12.8	28.0	1.140	863	1060	MIS	1985
INGOLDSBY NORTH	ALIDA (NON-UNIT)	0.375	3.55	0.00	3.55	0.013	0.000	0.013	0.007	0.006	1.157	65	6.00	17.0	35.0	1.150	860	1088	MIS	1964
	ALIDA (VOLUNTARY UNIT NO. 1)	0.980	3.68	0.00	3.68	0.036	0.000	0.036	0.034	0.002	0.339	204	5.00	17.0	35.0	1.150	860	1088	MIS	1964
INGOLDSBY WEST	FROBISHER-ALIDA (NON-UNIT)	0.178	3.70	0.00	3.70	0.007	0.000	0.007	0.007	0.000	0.000	32	10.90	8.1	30.0	1.111	850	1096	MIS	1986
	FROBISHER-ALIDA (VOL. UNIT NO. 1)	0.440	22.80	0.00	22.80	0.100	0.000	0.100	0.100	0.000	0.000	121	6.97	10.0	40.0	1.150	850	1096	MIS	1986
KENOSEE	TILSTON (VOLUNTARY UNIT)	5.524	44.60	0.00	44.60	2.464	0.000	2.464	2.378	0.086	12.552	1328	5.00	16.0	35.0	1.250	848	1196	MIS	1958
KISBEY	BIRDBEAR	1.760	21.40	0.00	21.40	0.377	0.000	0.377	0.358	0.019	6.318	275	8.46	12.0	25.0	1.190	845	1626	DEV	1968
	FROBISHER-ALIDA	8.331	17.79	0.00	17.79	1.482	0.000	1.482	1.439	0.043	23.236	939	11.80	12.7	26.0	1.250	840	1195	MIS	1985
KISBEY SOUTH	FROBISHER-ALIDA (NON-UNIT)	1.516	6.70	0.00	6.70	0.102	0.000	0.102	0.062	0.040	17.091	308	6.00	14.0	26.0	1.263	840	1260	MIS	1994
	FROBISHER-ALIDA (VOL. UNIT NO. 1)	0.548	36.00	0.00	36.00	0.197	0.000	0.197	0.079	0.119	7.596	130	6.00	12.0	26.0	1.263	840	1260	MIS	1994
LIGHTNING	TILSTON	4.008	5.10	0.00	5.10	0.204	0.000	0.204	0.169	0.036	7.316	534	9.72	14.3	40.0	1.111	843	1058	MIS	1957
LIGHTNING SOUTH	TILSTON	0.393	2.75	0.00	2.75	0.011	0.000	0.011	0.011	0.000	0.145	65	7.00	16.0	40.0	1.111	850	1098	MIS	1994
MACOUN	WINNIPEGOSIS (NON-UNIT)	6.343	3.46	1.50	4.96	0.219	0.096	0.315	0.306	0.009	4.765	324	31.10	10.5	19.0	1.351	827	2420	DEV	1990
	WINNIPEGOSIS (SOUTH VOL. UNIT NO. 1)	0.915	19.13	19.80	38.93	0.175	0.181	0.356	0.338	0.018	6.884	89	11.83	14.5	19.0	1.351	827	2405	DEV	1990
MACOUN NORTH	WINNIPEGOSIS	8.678	2.64	0.00	2.64	0.234	0.000	0.234	0.232	0.003	1.459	356	36.17	11.5	19.0	1.351	828	2387	DEV	1988
MANOR	LOWER WATROUS-ALIDA	13.754	9.80	0.00	9.80	1.348	0.000	1.348	1.064	0.284	51.317	3918	4.00	15.0	35.0	1.111	842	1180	TRI-MIS	1987
	LOWER WATROUS-ALIDA (VOL. UNIT NO. 1)	1.504	21.30	10.20	31.50	0.320	0.153	0.474	0.300	0.173	7.550	324	4.20	20.0	35.0	1.176	842	1180	TRI-MIS	1993
MANOR NORTH	LOWER WATROUS	0.093	12.10	0.00	12.10	0.011	0.000	0.011	0.011	0.001	0.303	97	1.00	15.0	30.0	1.100	842	1179	TRI	1990
MANSUR	RED RIVER	4.634	8.30	0.00	8.30	0.385	0.000	0.385	0.175	0.210	22.310	453	23.80	6.9	25.0	1.204	865	2435	ORD	1997
MIDALE	RED RIVER (NON-UNIT)	3.456	1.91	0.00	1.91	0.067	0.000	0.067	0.063	0.004	2.298	389	19.00	7.6	25.0	1.205	860	2575	ORD	1995
	RED RIVER (VOLUNTARY UNIT NO. 1)	4.561	5.42	0.00	5.42	0.247	0.000	0.247	0.206	0.041	7.870	447	23.80	6.9	26.0	1.191	860	2575	ORD	1995
MIDALE SOUTH	RED RIVER	3.778	5.70	0.00	5.70	0.215	0.000	0.215	0.198	0.017	12.905	453	23.10	5.8	25.0	1.205	860	2615	ORD	1996
MIDALE WEST	RED RIVER	2.373	8.07	0.00	8.07	0.191	0.000	0.191	0.179	0.012	7.130	324	18.10	6.5	25.0	1.205	860	2600	ORD	1996
MINARD SOUTH	FROBISHER	1.592	6.00	0.00	6.00	0.096	0.000	0.096	0.050	0.045	6.421	291	10.20	11.0	35.0	1.333	873	1382	MIS	1961
MINTON	RED RIVER	2.390	8.50	0.00	8.50	0.203	0.000	0.203	0.150	0.053	3.670	389	10.00	10.5	35.0	1.111	827	2855	ORD	1989
	WINNIPEGOSIS	1.336	13.38	0.00	13.38	0.179	0.000	0.179	0.170	0.009	12.546	324	9.17	7.5	19.0	1.351	850	2610	DEV	1976
MOOSE MOUNTAIN	TILSTON (NON-UNIT)	11.665	13.20	0.00	13.20	1.540	0.000	1.540	1.455	0.085	38.534	1133	14.30	12.9	40.0	1.075	864	1188	MIS	1960
	TILSTON (VOLUNTARY UNIT NO. 1)	0.208	20.50	0.00	20.50	0.043	0.000	0.043	0.036	0.006	1.533	65	5.50	13.0	52.0	1.075	864	1213	MIS	1960
MORRISVIEW	FROBISHER-ALIDA	0.989	25.63	0.00	25.63	0.253	0.000	0.253	0.248	0.006	2.802	308	4.54	13.6	35.0	1.250	843	1266	MIS	1967
MORRISVIEW SOUTH	FROBISHER-ALIDA	0.726	9.50	0.00	9.50	0.069	0.000	0.069	0.051	0.018	4.460	291	4.00	12.0	35.0	1.250	843	1287	MIS	1994
MORRISVIEW WEST	FROBISHER-ALIDA	0.462	8.85	0.00	8.85	0.041	0.000	0.041	0.037	0.004	1.529	227	4.35	9.0	35.0	1.250	843	1266	MIS	1992
NORTH ANTLER	MIDALE (VOLUNTARY UNIT NO. 1)	0.757	8.00	3.00	11.00	0.061	0.023	0.083	0.084	0.000	0.000	233	5.46	12.2	35.0	1.333	827	1152	MIS	1965
NORTH PORTAL	MIDALE	0.419	10.50	0.00	10.50	0.044	0.000	0.044	0.039	0.005	1.231	210	4.70	8.7	35.0	1.333	834	1620	MIS	1988
NORTHGATE	FROBISHER	0.996	13.25	0.00	13.25	0.132	0.000	0.132	0.125	0.007	5.201	308	8.50	7.8	35.0	1.333	843	1585	MIS	1963
	MIDALE (NON-UNIT)	0.036	23.90	0.00	23.90	0.009	0.000	0.009	0.009	0.000	0.000	16	3.84	14.3	45.0	1.333	837	1575	MIS	1963
	MIDALE (VOLUNTARY UNIT)	3.217	8.70	2.45	11.15	0.280	0.079	0.359	0.330	0.028	5.540	1456	4.84	15.6	55.0	1.538	836	1575	MIS	1963
NORTHGATE EAST	FROBISHER	0.153	0.49	0.00	0.49	0.001	0.000	0.001	0.001	0.000	0.000	65	5.61	8.6	35.0	1.333	843	1525	MIS	1994

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
NOTTINGHAM	ALIDA (NORTH ALIDA BEDS UNIT)	9.423	38.90	0.00	38.90	3.666	0.000	3.666	3.096	0.570	106.069	1182	9.14	16.9	31.2	1.333	839	1066	MIS	1956
NOTTINGHAM EAST	TILSTON	1.699	3.14	0.00	3.14	0.053	0.000	0.053	0.051	0.003	0.825	243	9.47	16.4	40.0	1.333	829	1100	MIS	1961
NOTTINGHAM NORTH	TILSTON	2.331	7.40	0.00	7.40	0.172	0.000	0.172	0.134	0.038	19.957	340	8.94	14.2	40.0	1.111	829	1070	MIS	1992
NOTTINGHAM SOUTH	FROBISHER-ALIDA	6.523	30.60	0.00	30.60	1.996	0.000	1.996	1.353	0.643	63.995	1117	7.30	15.5	31.2	1.333	846	1066	MIS	1956
OAKLEY	FROBISHER	2.196	21.70	0.00	21.70	0.476	0.000	0.476	0.405	0.071	58.803	777	8.60	7.3	40.0	1.333	841	1196	MIS	1955
OPENSHAW	FROBISHER	0.048	10.90	0.00	10.90	0.005	0.000	0.005	0.004	0.001	0.989	64	2.00	9.0	45.0	1.333	848	1468	MIS	1993
OUNGRE	RATCLIFFE (NON-UNIT)	2.479	17.70	0.00	17.70	0.439	0.000	0.439	0.336	0.102	11.826	793	3.30	18.0	35.0	1.235	878	1828	MIS	1959
	RATCLIFFE (VOLUNTARY UNIT NO. 1)	14.470	10.00	5.90	15.90	1.447	0.854	2.301	1.876	0.424	40.303	2784	6.52	17.9	45.0	1.235	878	1828	MIS	1959
OXBOW	FROBISHER	0.109	5.10	0.00	5.10	0.006	0.000	0.006	0.006	0.000	0.000	32	6.23	11.2	35.0	1.333	845	1310	MIS	1957
PARKMAN	SOURIS VALLEY (NON-UNIT)	0.265	6.80	0.00	6.80	0.018	0.000	0.018	0.018	0.000	0.000	65	6.80	10.3	50.0	1.111	871	1188	MIS	1964
	SOURIS VALLEY (VOLUNTARY UNIT NO. 1)	2.493	18.75	0.00	18.75	0.467	0.000	0.467	0.416	0.052	16.303	939	5.90	10.0	50.0	1.111	871	1188	MIS	1964
	TILSTON	5.383	15.80	0.00	15.80	0.851	0.000	0.851	0.723	0.128	38.562	761	11.10	11.8	40.0	1.111	870	1060	MIS	1958
	TILSTON-SOURIS VALLEY	36.743	19.10	0.00	19.10	7.018	0.000	7.018	6.477	0.541	179.677	3853	16.20	10.9	40.0	1.111	862	1097	MIS	1959
PARKMAN SOUTH	TILSTON-SOURIS VALLEY (NON-UNIT)	0.930	8.10	0.00	8.10	0.075	0.000	0.075	0.065	0.011	6.755	146	8.80	13.4	40.0	1.111	841	1096	MIS	1969
	TILSTON-SOURIS VALLEY (VOL. UNIT)	2.038	11.86	0.00	11.86	0.242	0.000	0.242	0.237	0.005	3.032	178	14.72	14.4	40.0	1.111	841	1096	MIS	1969
PINTO	FROBISHER	1.225	42.30	0.00	42.30	0.518	0.000	0.518	0.506	0.012	3.203	712	4.30	9.7	45.0	1.333	848	1631	MIS	1957
	MIDALE (NON-UNIT)	15.073	4.40	0.00	4.40	0.663	0.000	0.663	0.642	0.021	7.028	2752	10.40	10.8	35.0	1.333	834	1615	MIS	1957
	MIDALE (SOUTH PINTO UNIT)	5.030	10.50	3.68	14.18	0.528	0.185	0.713	0.696	0.017	2.625	2525	4.40	12.9	45.0	1.567	873	1615	MIS	1957
	MIDALE (VOLUNTARY UNIT NO. 2)	1.529	17.30	0.00	17.30	0.265	0.000	0.265	0.229	0.036	5.636	1780	2.50	9.1	42.0	1.536	830	1615	MIS	1957
PINTO EAST	MIDALE	0.256	2.33	0.00	2.33	0.006	0.000	0.006	0.006	0.000	0.000	32	10.40	15.8	35.0	1.333	834	1540	MIS	1974
QUEENSDALE EAST	FROBISHER-ALIDA (NON-UNIT)	24.543	43.80	0.00	43.80	10.750	0.000	10.750	7.296	3.454	229.193	3581	10.00	12.4	35.0	1.176	850	1173	MIS	1956
	FROBISHER-ALIDA (NORTH CANTAL UNIT)	2.322	48.70	0.00	48.70	1.131	0.000	1.131	1.075	0.056	4.887	437	10.80	8.9	35.0	1.176	843	1173	MIS	1956
QUEENSDALE NORTH	ALIDA	4.122	26.50	0.00	26.50	1.092	0.000	1.092	0.628	0.464	70.129	793	6.50	16.4	35.0	1.333	851	1174	MIS	1959
QUEENSDALE WEST	ALIDA	3.495	27.90	0.00	27.90	0.975	0.000	0.975	0.925	0.050	7.832	615	10.50	11.1	35.0	1.333	859	1204	MIS	1956
RALPH	MIDALE (VOLUNTARY UNIT)	1.041	14.20	11.70	25.90	0.148	0.122	0.269	0.208	0.062	6.416	680	3.90	10.0	55.9	1.124	863	1315	MIS	1973
RALPH WEST	MIDALE (NON-UNIT)	1.890	7.55	0.00	7.55	0.143	0.000	0.143	0.131	0.012	5.042	486	8.06	12.3	55.9	1.124	860	1295	MIS	1988
	MIDALE (VOLUNTARY UNIT NO. 1)	0.300	24.00	3.90	27.90	0.072	0.012	0.084	0.068	0.015	2.087	298	2.20	10.8	52.4	1.124	860	1295	MIS	1985
REDVERS	TILSTON	0.416	0.20	0.00	0.20	0.001	0.000	0.001	0.001	0.000	0.000	65	8.00	14.8	40.0	1.111	852	1034	MIS	1994
ROCANVILLE	BAKKEN SAND (NON-UNIT)	0.896	12.30	0.00	12.30	0.110	0.000	0.110	0.104	0.007	1.845	162	6.00	18.9	35.0	1.333	843	715	MIS	1957
	BAKKEN SAND (VOLUNTARY UNIT NO. 1)	1.609	22.75	7.10	29.85	0.366	0.114	0.480	0.382	0.098	8.149	227	5.30	21.6	35.0	1.050	843	715	MIS	1957
	BAKKEN SAND (VOLUNTARY UNIT NO. 2)	1.113	18.15	0.00	18.15	0.202	0.000	0.202	0.172	0.030	12.962	391	1.95	22.8	35.0	1.015	843	715	MIS	1957
RONCOTT	BAKKEN SAND	1.655	8.12	0.00	8.12	0.134	0.000	0.134	0.121	0.013	1.396	356	4.54	14.5	25.0	1.064	823	1622	MIS	1956
ROSEBANK	ALIDA (NON-UNIT)	10.127	22.16	0.00	22.16	2.244	0.000	2.244	2.075	0.170	61.989	923	15.30	15.1	37.5	1.316	841	1067	MIS	1955
	ALIDA (VOLUNTARY UNIT NO. 1)	8.921	50.20	0.00	50.20	4.478	0.000	4.478	4.162	0.316	50.028	992	13.70	12.5	30.0	1.333	828	1067	MIS	1955
ROSEBANK SOUTH	ALIDA (NON-UNIT)	3.704	18.80	0.00	18.80	0.696	0.000	0.696	0.589	0.107	17.864	648	9.20	12.1	35.0	1.266	864	1074	MIS	1954
	ALIDA (VOLUNTARY UNIT NO. 1)	0.641	19.40	0.00	19.40	0.124	0.000	0.124	0.109	0.015	3.148	130	8.00	12.0	35.0	1.266	864	1074	MIS	1955
SERVICE	TILSTON	0.512	2.00	0.00	2.00	0.010	0.000	0.010	0.010	0.000	0.000	81	6.00	18.0	35.0	1.111	845	1130	MIS	1994
SHERWOOD	FROBISHER	4.375	47.50	0.00	47.50	2.078	0.000	2.078	1.992	0.086	11.682	389	15.60	12.9	35.0	1.163	880	1240	MIS	1963
SILVERTON	FROBISHER	2.981	14.70	0.00	14.70	0.438	0.000	0.438	0.380	0.058	14.591	729	15.40	5.9	40.0	1.333	854	1204	MIS	1956
SILVERTON NORTH	FROBISHER	1.421	24.10	0.00	24.10	0.343	0.000	0.343	0.307	0.036	6.716	421	12.50	6.0	40.0	1.333	854	1120	MIS	1964

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
SKINNER LAKE	RATCLIFFE	4.939	13.60	0.00	13.60	0.672	0.000	0.672	0.485	0.186	12.007	1101	4.60	19.7	45.0	1.111	864	1723	MIS	1969
SOURIS FLAT	FROBISHER	2.191	35.00	0.00	35.00	0.767	0.000	0.767	0.730	0.037	5.213	453	8.00	12.4	35.0	1.333	861	1334	MIS	1965
SOURIS FLAT SOUTH	FROBISHER	0.741	11.90	0.00	11.90	0.088	0.000	0.088	0.086	0.002	0.740	113	12.80	10.5	35.0	1.333	861	1392	MIS	1991
SOUTH FLETWODE	TILSTON	1.694	32.80	0.00	32.80	0.621	0.000	0.621	0.576	0.045	8.580	389	7.10	12.7	40.0	1.111	859	1143	MIS	1961
STAR VALLEY	FROBISHER-ALIDA	7.513	47.80	0.00	47.80	3.591	0.000	3.591	2.892	0.699	91.042	793	12.00	15.0	35.0	1.235	862	1162	MIS	1960
STAR VALLEY SOUTH	FROBISHER-ALIDA	0.827	6.40	0.00	6.40	0.053	0.000	0.053	0.044	0.009	1.805	194	7.50	10.8	35.0	1.235	874	1183	MIS	1984
STEELMAN	FROBISHER (DOUGLASTON UNIT)	0.850	26.95	0.00	26.95	0.229	0.000	0.229	0.223	0.006	1.435	227	7.60	10.1	35.0	1.333	848	1409	MIS	1954
	FROBISHER (NON-UNIT)	25.196	10.40	0.00	10.40	2.620	0.000	2.620	2.180	0.440	71.935	4938	9.60	10.9	35.0	1.333	849	1409	MIS	1954
	FROBISHER (VOLUNTARY UNIT NO. 1)	0.907	31.68	0.00	31.68	0.287	0.000	0.287	0.282	0.005	0.907	363	5.88	9.2	35.0	1.408	833	1409	MIS	1954
	FROBISHER (VOLUNTARY UNIT NO. 2)	0.548	52.42	0.00	52.42	0.287	0.000	0.287	0.286	0.002	0.145	259	4.57	9.5	35.0	1.333	833	1409	MIS	1954
	FROBISHER (VOLUNTARY UNIT NO. 8)	1.237	8.50	5.50	14.00	0.105	0.068	0.173	0.128	0.045	8.001	288	3.60	26.6	40.0	1.338	833	1409	MIS	1954
	MIDALE (DOUGLASTON UNIT)	2.255	12.30	14.60	26.90	0.277	0.329	0.607	0.593	0.014	4.161	745	4.20	15.4	35.0	1.389	834	1399	MIS	1954
	MIDALE (LAMPMAN UNIT)	0.934	13.00	14.80	27.80	0.121	0.138	0.260	0.253	0.006	1.053	437	2.32	18.6	31.2	1.389	862	1399	MIS	1954
	MIDALE (NON-UNIT)	15.948	6.60	0.00	6.60	1.053	0.000	1.053	0.918	0.135	19.958	3481	8.90	11.0	35.0	1.389	846	1399	MIS	1954
	MIDALE (NORTH VOL UNIT NO. 1)	1.963	10.00	5.55	15.55	0.196	0.109	0.305	0.283	0.022	3.384	971	4.13	10.0	32.0	1.389	834	1399	MIS	1954
	MIDALE (NORTH VOL UNIT NO. 2)	1.875	7.45	0.00	7.45	0.140	0.000	0.140	0.134	0.005	2.215	551	6.10	12.3	37.0	1.389	834	1399	MIS	1954
	MIDALE (UNIT IA)	18.404	16.00	34.55	50.55	2.945	6.359	9.303	9.084	0.219	35.983	5463	4.21	17.1	35.0	1.389	843	1399	MIS	1954
	MIDALE (UNIT II)	16.648	25.20	36.14	61.34	4.195	6.017	10.212	9.056	1.156	83.221	2072	9.50	16.5	28.8	1.389	858	1399	MIS	1954
	MIDALE (UNIT III)	11.465	16.00	26.05	42.05	1.834	2.987	4.821	4.680	0.141	26.155	2818	4.60	18.9	35.0	1.389	827	1399	MIS	1954
	MIDALE (UNIT IV)	15.943	12.60	24.70	37.30	2.009	3.938	5.947	5.660	0.287	32.538	5308	3.89	16.5	35.0	1.389	824	1399	MIS	1954
	MIDALE (UNIT V)	6.555	15.00	12.58	27.58	0.983	0.825	1.808	1.766	0.042	7.507	2849	3.30	14.9	35.0	1.389	837	1399	MIS	1954
	MIDALE (UNIT VI)	25.307	15.70	23.00	38.70	3.973	5.821	9.794	9.630	0.164	32.201	6685	5.12	15.8	35.0	1.389	843	1399	MIS	1954
	MIDALE (UNIT VII)	2.496	10.00	27.30	37.30	0.250	0.682	0.931	0.893	0.038	7.048	713	4.18	17.9	35.0	1.389	870	1399	MIS	1954
	WINNIPEGOSIS (NON-UNIT)	5.993	6.30	0.00	6.30	0.378	0.000	0.378	0.213	0.165	37.526	648	17.00	10.5	30.0	1.351	868	2180	DEV	1994
	WINNIPEGOSIS (VOLUNTARY UNIT NO. 1)	1.206	13.50	12.80	26.30	0.163	0.154	0.317	0.254	0.064	24.174	196	13.20	9.0	30.0	1.351	868	2180	DEV	1994
STEELMAN SOUTH	WINNIPEGOSIS (NON-UNIT)	2.198	2.04	0.00	2.04	0.045	0.000	0.045	0.031	0.013	7.436	227	17.30	10.8	30.0	1.351	868	2400	DEV	1988
STORTHOAKS	ALIDA	2.845	8.70	0.00	8.70	0.248	0.000	0.248	0.231	0.017	3.135	227	12.90	16.8	35.0	1.124	842	1065	MIS	1962
	ALIDA (VOLUNTARY UNIT NO. 1)	3.964	13.70	0.00	13.70	0.543	0.000	0.543	0.484	0.059	4.740	416	10.70	15.4	35.0	1.124	842	1065	MIS	1962
	TILSTON	2.058	14.00	0.00	14.00	0.288	0.000	0.288	0.218	0.070	6.406	243	10.10	14.5	35.0	1.124	846	1040	MIS	1962
STORTHOAKS NORTH	TILSTON	0.569	3.65	0.00	3.65	0.021	0.000	0.021	0.019	0.002	0.623	130	7.50	10.1	35.0	1.124	846	1060	MIS	1994
TABLELAND	WINNIPEGOSIS (NON-UNIT)	0.552	14.56	0.00	14.56	0.080	0.000	0.080	0.078	0.002	0.247	130	10.49	7.5	19.0	1.500	827	2576	DEV	1975
	WINNIPEGOSIS (VOLUNTARY UNIT NO. 1)	0.658	17.90	5.74	23.64	0.118	0.038	0.156	0.147	0.009	2.773	68	14.58	12.2	18.4	1.500	827	2576	DEV	1975
TAYLORTON	MIDALE	1.198	5.50	0.00	5.50	0.066	0.000	0.066	0.046	0.020	4.942	324	6.71	10.0	35.0	1.160	855	1641	MIS	1989
THIRTY LAKE	ALIDA	0.664	21.20	0.00	21.20	0.141	0.000	0.141	0.113	0.028	3.885	227	4.00	15.0	35.0	1.333	860	1324	MIS	1985
TYVAN	RED RIVER	10.586	4.75	0.00	4.75	0.503	0.000	0.503	0.273	0.230	38.098	971	20.00	10.0	39.0	1.119	808	2160	ORD	1998
VIEWFIELD	FROBISHER (NON-UNIT)	1.904	53.60	0.00	53.60	1.021	0.000	1.021	0.950	0.070	14.650	518	6.76	9.7	32.5	1.204	838	1270	MIS	1969
	FROBISHER (VOLUNTARY UNIT NO. 1)	1.479	12.79	0.00	12.79	0.189	0.000	0.189	0.187	0.003	0.928	129	17.10	12.0	35.0	1.163	873	1270	MIS	1969
	VIEWFIELD RIM	3.556	17.40	0.00	17.40	0.619	0.000	0.619	0.591	0.028	10.747	405	16.68	10.7	35.5	1.311	844	1259	TRI	1968
VIEWFIELD EAST	FROBISHER	0.550	5.85	0.00	5.85	0.032	0.000	0.032	0.021	0.011	6.539	195	5.00	11.0	40.0	1.170	854	1312	MIS	1969
WARMLEY	ALIDA (FLETWODE ALIDA VOL UNIT)	0.773	39.40	0.00	39.40	0.304	0.000	0.304	0.266	0.038	5.433	401	3.20	11.4	40.0	1.136	860	1242	MIS	1966

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
WAUCHOPE	ALIDA-TILSTON	3.466	28.90	0.00	28.90	1.002	0.000	1.002	0.839	0.163	36.702	502	6.60	19.6	40.0	1.124	852	1140	MIS.	1980
WAUCHOPE CENTRAL	TILSTON	0.299	1.25	0.00	1.25	0.004	0.000	0.004	0.004	0.000	0.000	32	8.50	20.6	40.0	1.124	845	1130	MIS.	1991
WAUCHOPE NORTH	TILSTON	0.591	17.90	0.00	17.90	0.106	0.000	0.106	0.087	0.018	4.957	162	4.50	15.0	40.0	1.111	852	1083	MIS.	1971
WAUCHOPE SOUTH	ALIDA	2.275	10.70	0.00	10.70	0.243	0.000	0.243	0.154	0.089	9.856	356	7.80	16.8	35.0	1.333	850	1152	MIS.	1986
WAUCHOPE WEST	ALIDA	2.747	3.24	0.00	3.24	0.089	0.000	0.089	0.083	0.006	2.123	259	15.00	14.5	35.0	1.333	845	1163	MIS.	1964
WEIR HILL	FROBISHER	3.939	9.00	0.00	9.00	0.354	0.000	0.354	0.260	0.095	15.769	599	14.50	9.3	35.0	1.333	871	1353	MIS.	1968
WELWYN	BAKKEN SAND	0.261	18.30	0.00	18.30	0.048	0.000	0.048	0.045	0.003	0.749	113	3.00	15.8	35.0	1.333	888	723	MIS.	1985
WELWYN SOUTH	BAKKEN SAND	0.075	20.30	0.00	20.30	0.015	0.000	0.015	0.012	0.003	0.823	32	3.20	15.0	35.0	1.333	841	735	MIS.	1989
WEYBURN	FROBISHER	3.467	7.14	0.00	7.14	0.248	0.000	0.248	0.167	0.080	21.250	648	12.40	9.7	50.0	1.124	876	1417	MIS.	1954
	MIDALE (NON-UNIT)	38.970	4.60	0.00	4.60	1.793	0.000	1.793	1.131	0.662	107.835	4290	10.20	15.4	35.0	1.124	877	1377	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 10)	2.518	14.80	0.05	14.85	0.373	0.001	0.374	0.251	0.123	11.539	195	8.00	26.0	35.0	1.110	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 2)	0.293	12.80	9.00	21.80	0.038	0.026	0.064	0.040	0.023	1.624	129	3.60	12.8	44.0	1.135	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 3)	0.320	8.60	5.00	13.60	0.028	0.016	0.044	0.036	0.007	0.879	65	4.70	18.0	33.0	1.150	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 4)	2.494	3.00	0.77	3.78	0.075	0.019	0.094	0.092	0.002	1.396	1100	4.90	10.4	50.0	1.124	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 5)	1.912	8.30	10.37	18.67	0.159	0.198	0.357	0.336	0.021	6.060	356	6.60	15.6	40.0	1.150	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 6)	1.435	6.10	0.52	6.62	0.088	0.007	0.095	0.087	0.008	1.722	259	6.56	14.6	35.0	1.124	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 7)	2.283	9.10	3.95	13.05	0.208	0.090	0.298	0.260	0.038	5.497	1004	3.60	12.8	44.0	1.135	880	1405	MIS.	1954
	MIDALE (VOLUNTARY UNIT NO. 8)	0.645	4.50	2.10	6.60	0.029	0.014	0.043	0.039	0.003	0.796	162	5.30	13.0	35.0	1.124	880	1405	MIS.	1954
WHITE BEAR	TILSTON	5.078	34.20	0.00	34.20	1.737	0.000	1.737	1.596	0.141	23.787	583	12.80	12.6	40.0	1.111	862	1060	MIS.	1957
	TILSTON-SOURIS VALLEY	1.231	19.43	0.00	19.43	0.239	0.000	0.239	0.235	0.004	4.604	388	7.63	7.7	40.0	1.111	853	1189	MIS.	1963
WILDWOOD	ALIDA	1.253	25.00	0.00	25.00	0.313	0.000	0.313	0.193	0.120	7.182	210	8.50	14.4	35.0	1.333	852	1184	MIS.	1966
WILLMAR	FROBISHER-ALIDA (KISBEY SD VOL UNIT)	0.255	52.00	0.00	52.00	0.133	0.000	0.133	0.130	0.003	0.364	81	3.41	20.0	40.0	1.299	843	1249	MIS.	1957
	FROBISHER-ALIDA (N CENTRAL VOL UNIT)	1.216	16.00	7.01	23.01	0.195	0.085	0.280	0.274	0.006	1.723	324	6.25	11.0	30.0	1.282	843	1249	MIS.	1957
	FROBISHER-ALIDA (N DALES UNIT NO. 1)	1.151	38.00	13.90	51.90	0.437	0.160	0.597	0.585	0.012	1.952	388	5.91	9.9	35.0	1.282	865	1249	MIS.	1957
	FROBISHER-ALIDA (NON-UNIT)	20.205	19.30	7.40	26.70	3.900	1.495	5.395	3.842	1.553	139.573	2800	11.20	11.8	30.0	1.282	861	1249	MIS.	1957
	FROBISHER-ALIDA (VOL UNIT NO. 1)	4.857	18.00	26.60	44.60	0.874	1.292	2.166	2.035	0.131	16.584	1084	6.10	12.9	27.0	1.282	843	1249	MIS.	1957
WILLMAR NORTH	FROBISHER-ALIDA (NON-UNIT)	0.260	5.09	0.00	5.09	0.013	0.000	0.013	0.012	0.001	0.336	97	5.10	9.0	35.0	1.111	843	1205	MIS.	1971
	FROBISHER-ALIDA (VOL UNIT NO. 1)	0.468	13.66	19.30	32.96	0.064	0.090	0.154	0.104	0.050	7.362	233	2.44	12.8	28.6	1.111	843	1205	MIS.	1971
WILLMAR WEST	FROBISHER	1.804	6.70	0.00	6.70	0.121	0.000	0.121	0.111	0.010	6.062	826	4.00	10.0	30.0	1.282	854	1260	MIS.	1991
WINMORE	FROBISHER	0.558	9.31	0.00	9.31	0.052	0.000	0.052	0.050	0.002	0.375	259	4.70	9.7	45.0	1.163	869	1140	MIS.	1968
WORDSWORTH	FROBISHER-ALIDA	11.172	7.26	0.00	7.26	0.811	0.000	0.811	0.743	0.068	14.918	1668	10.70	10.7	25.0	1.282	853	1257	MIS.	1962
WORDSWORTH EAST	FROBISHER	1.738	2.65	0.00	2.65	0.046	0.000	0.046	0.035	0.011	2.178	291	8.30	12.3	25.0	1.282	853	1205	MIS.	1980
WORDSWORTH NORTH	FROBISHER-ALIDA	0.426	40.00	0.00	40.00	0.170	0.000	0.170	0.112	0.059	5.098	165	3.53	12.5	35.0	1.111	849	1206	MIS.	1994
WORKMAN	FROBISHER (NON-UNIT)	10.767	12.60	0.00	12.60	1.357	0.000	1.357	1.036	0.321	38.527	1846	11.10	10.8	42.1	1.190	861	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 1)	5.025	16.70	21.55	38.25	0.839	1.083	1.922	1.885	0.037	7.774	1748	4.51	13.1	42.1	1.190	844	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 2)	1.601	11.20	4.68	15.88	0.202	0.084	0.286	0.244	0.042	6.888	486	5.20	14.5	41.5	1.190	844	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 3)	1.235	42.90	0.00	42.90	0.530	0.000	0.530	0.430	0.100	12.772	943	3.10	11.1	54.7	1.190	844	1237	MIS.	1959
	FROBISHER (VOLUNTARY UNIT NO. 4)	0.824	26.60	0.00	26.60	0.219	0.000	0.219	0.211	0.008	1.489	194	12.00	9.3	54.7	1.190	844	1237	MIS.	1959
	MIDALE (NON-UNIT)	1.874	8.27	0.00	8.27	0.155	0.000	0.155	0.150	0.005	1.543	502	7.06	10.3	35.0	1.266	844	1230	MIS.	1960
	MIDALE (VOLUNTARY UNIT NO. 1)	1.041	17.80	8.30	26.10	0.185	0.086	0.272	0.266	0.006	1.164	671	1.92	14.8	35.0	1.190	838	1230	MIS.	1960

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
WORKMAN	MIDALE (VOLUNTARY UNIT NO. 2)	0.841	10.60	13.10	23.70	0.089	0.110	0.199	0.184	0.015	1.879	356	3.14	15.7	39.3	1.266	838	1230	MIS	1960
WORKMAN SOUTH	FROBISHER	1.694	11.85	0.00	11.85	0.201	0.000	0.201	0.170	0.031	5.732	324	8.30	9.4	25.0	1.119	866	1262	MIS	1990
	TOTAL AREA 4L	**1,067.013**				**162.193**	**45.109**	**207.3025**	**177.114**	**30.191**	**4,341.554**									
AREA 4M																				
MISCELLANEOUS	ALIDA	1.126	6.00	0.00	6.00	0.068	0.000	0.068	0.037	0.031	5.913	324	5.40	13.2	35.0	1.333			MIS	
	BIRDBEAR	1.517	6.50	0.00	6.50	0.099	0.000	0.099	0.066	0.033	4.905	405	4.70	12.5	25.0	1.176			DEV	
	FROBISHER	7.032	5.49	0.00	5.49	0.386	0.000	0.386	0.239	0.147	27.647	2137	7.30	9.4	46.1	1.124			MIS	
	FROBISHER ALIDA	1.799	5.50	0.00	5.50	0.099	0.000	0.099	0.018	0.081	7.406	259	10.40	13.7	35.0	1.333			MIS	
	JURASSIC	0.178	4.50	0.00	4.50	0.008	0.000	0.008	0.008	0.000	0.000	16	6.70	24.0	30.0	1.010			JUR	
	MADISON	0.159	0.80	0.00	0.80	0.001	0.000	0.001	0.001	0.000	0.000	32	16.00	4.0	20.0	1.031			MIS	
	MANNVILLE SAND	0.000	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0	0.00	0.0	0.0	1.010			CRE	
	MIDALE	18.930	3.33	0.00	3.33	0.630	0.000	0.630	0.478	0.152	40.842	2558	9.60	15.5	44.1	1.124			MIS	
	RATCLIFFE	2.247	5.30	0.00	5.30	0.119	0.000	0.119	0.104	0.015	3.289	502	6.80	13.5	35.0	1.333			MIS	
	RED JACKET SAND	1.338	1.28	0.00	1.28	0.017	0.000	0.017	0.009	0.008	3.982	178	6.00	25.7	35.0	1.333			JUR	
	SHAUNAVON	0.428	0.86	0.00	0.86	0.004	0.000	0.004	0.000	0.004	0.000	32	6.00	30.0	25.0	1.010			JUR	
	TILSTON	7.088	2.30	0.00	2.30	0.163	0.000	0.163	0.118	0.045	11.516	1004	8.60	15.2	40.0	1.111			MIS	
	WAPELLA SAND	0.255	3.00	0.00	3.00	0.008	0.000	0.008	0.006	0.002	0.833	49	2.50	28.0	25.0	1.010			CRE -JUR	
BENDER	TILSTON (NON UNIT)	0.033	4.40	0.00	4.40	0.001	0.000	0.001	0.001	0.000	0.000	64	0.60	12.0	40.0	1.110	884	1207	MIS	1990
	TILSTON (VOLUNTARY UNIT NO. 1)	0.252	6.50	0.00	6.50	0.016	0.000	0.016	0.013	0.003	1.043	97	4.00	12.0	40.0	1.110	884	1207	MIS	1990
BENDER CENTRAL	TILSTON	1.894	21.00	0.00	21.00	0.398	0.000	0.398	0.227	0.171	22.788	324	8.80	12.3	40.0	1.111	886	1200	MIS	1991
BENDER SOUTH	TILSTON	0.567	9.75	0.00	9.75	0.055	0.000	0.055	0.041	0.014	4.596	97	9.10	11.9	40.0	1.111	886	1207	MIS	1991
BENSON	MIDALE (NON UNIT)	4.678	7.60	0.00	7.60	0.356	0.000	0.356	0.277	0.078	10.374	1036	5.60	12.5	30.0	1.124	866	1371	MIS	1956
	MIDALE (NORTHWEST VOLUNTARY UNIT)	0.513	5.98	3.89	9.87	0.031	0.020	0.051	0.047	0.004	0.686	243	2.26	15.0	30.0	1.124	875	1371	MIS	1956
	MIDALE (UNIT)	8.079	6.00	27.75	33.75	0.485	2.242	2.727	2.147	0.580	38.518	2978	1.60	24.2	30.0	1.124	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO. 1)	2.477	9.80	35.50	45.30	0.243	0.880	1.122	0.757	0.366	27.831	1117	2.77	15.0	40.0	1.124	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO. 2)	0.911	9.10	20.50	29.60	0.083	0.187	0.270	0.143	0.127	8.094	356	1.83	23.7	37.0	1.065	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO. 3)	0.545	22.00	26.20	48.20	0.120	0.143	0.263	0.185	0.077	8.272	175	2.00	25.0	30.0	1.124	875	1371	MIS	1956
	MIDALE (VOLUNTARY UNIT NO. 4)	0.629	16.82	1.88	18.70	0.106	0.012	0.118	0.103	0.015	1.761	227	5.00	8.9	30.0	1.124	875	1371	MIS	1956
BENSON EAST	MIDALE	0.934	1.90	7.75	9.65	0.018	0.072	0.090	0.080	0.010	2.226	291	1.70	27.2	22.0	1.124	875	1375	MIS	1983
BIG MARSH LAKE	TILSTON	1.977	19.40	0.00	19.40	0.383	0.000	0.383	0.310	0.073	19.442	453	4.00	20.0	40.0	1.100	862	1245	MIS	1994
BROMHEAD	MIDALE	2.472	15.50	0.00	15.50	0.383	0.000	0.383	0.337	0.046	4.735	615	5.00	13.9	35.0	1.124	903	1693	MIS	1965
BRYANT	FROBISHER	0.496	12.55	0.00	12.55	0.062	0.000	0.062	0.049	0.013	1.659	288	4.30	8.9	50.0	1.112	895	1433	MIS	1979
	MIDALE	2.924	5.35	3.50	8.85	0.156	0.102	0.259	0.228	0.031	8.690	1166	1.93	25.2	42.0	1.125	904	1406	MIS	1979
BURROWS	RED JACKET SAND	0.358	2.68	0.00	2.68	0.010	0.000	0.010	0.009	0.001	0.506	32	8.50	27.0	35.0	1.333	912	700	JUR	1992
CHAPLEAU LAKE	RED RIVER	4.058	3.75	0.00	3.75	0.152	0.000	0.152	0.068	0.084	24.377	421	16.30	10.7	35.0	1.176	893	2118	MIS	1998
COLGATE	MIDALE	2.145	25.20	0.00	25.20	0.541	0.000	0.541	0.533	0.008	4.881	146	12.20	18.7	30.0	1.087	851	1516	MIS	1983
COOTHILL	RED JACKET SAND	1.051	26.50	0.00	26.50	0.279	0.000	0.279	0.217	0.061	12.377	73	10.80	21.4	37.5	1.003	944	729	JUR	1985
CORNING	TILSTON	2.099	3.13	0.00	3.13	0.066	0.000	0.066	0.051	0.015	6.060	356	5.30	20.6	40.0	1.111	880	1229	MIS	1996

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	---------- % ----------			---------- 1000000 m3 ----------					1000 m3	ha	m	---- % ----			KG/m3	m		
CORNING WEST	TILSTON	6 610	5 38	0 00	5 38	0 356	0 000	0 356	0 281	0 075	30 129	680	6 00	30 0	40 0	1 111	852	1194	MIS	1996
COYOTE LAKE	TILSTON	1 618	13 90	0 00	13 90	0 225	0 000	0 225	0 130	0 095	18 170	227	6 00	22 0	40 0	1 111	886	1248	MIS	1997
CREELMAN	ALIDA	1 959	24 20	0 00	24 20	0 474	0 000	0 474	0 418	0 056	22 086	470	5 70	13 7	40 0	1 124	911	1200	MIS	1966
DAHINDA	MADISON	0 300	0 00	0 00	0 00	0 000	0 000	0 000	0 000	0 000	0 000	32	18 50	9 0	25 0	1 333	956	1410	MIS	1993
ELCOTT EAST	MIDALE	1 485	6 83	0 00	6 83	0 101	0 000	0 101	0 092	0 009	6 640	356	5 90	14 5	35 0	1 333	832	1480	MIS	1994
ELSWICK	MIDALE (NON-UNIT)	8 742	21 60	12 70	34 30	1 888	1 110	2 998	1 300	1 699	112 442	2251	5 30	19 7	54 4	1 226	870	1515	MIS	1984
	MIDALE (VOLUNTARY UNIT NO 1)	0 306	18 50	5 45	23 95	0 057	0 017	0 073	0 061	0 013	1 553	130	5 50	9 0	41 7	1 226	870	1515	MIS	1984
ELSWICK EAST	MIDALE (NON-UNIT)	1 152	6 90	6 80	13 70	0 079	0 078	0 158	0 040	0 117	16 553	259	3 90	25 0	45 0	1 206	870	1529	MIS	1965
	MIDALE (VOLUNTARY UNIT NO 2)	3 771	16 00	8 60	24 60	0 603	0 324	0 928	0 601	0 327	35 820	583	5 62	25 1	44 7	1 206	870	1527	MIS	1965
ELSWICK SOUTH	MIDALE (NON-UNIT)	0 761	4 77	0 00	4 77	0 036	0 000	0 036	0 017	0 020	0 997	65	10 00	25 2	44 0	1 206	870	1588	MIS	1977
FLAT LAKE	RATCLIFFE (NON-UNIT)	0 192	27 00	0 00	27 00	0 052	0 000	0 052	0 023	0 028	1 303	65	8 60	8 1	49 2	1 199	867	1956	MIS	1965
FLINTON	TILSTON	6 660	3 25	0 00	3 25	0 216	0 000	0 216	0 173	0 043	14 802	842	9 70	15 1	40 0	1 111	886	1243	MIS	1994
FREESTONE	FROBISHER-ALIDA	3 948	25 00	0 00	25 00	0 987	0 000	0 987	0 844	0 143	18 571	1004	6 40	12 6	35 0	1 333	879	1180	MIS	1953
FREMANTLE	LOWER WATROUS	0 071	30 72	0 00	30 72	0 022	0 000	0 022	0 021	0 000	0 266	32	2 10	18 7	25 0	1 333	879	1190	TRI	1971
GRIFFIN	FROBISHER	0 700	57 90	0 00	57 90	0 405	0 000	0 405	0 243	0 162	25 727	567	3 20	6 9	35 0	1 163	885	1302	MIS	1958
GRIFFIN NORTH	FROBISHER	0 917	24 00	0 00	24 00	0 220	0 000	0 220	0 166	0 054	3 397	291	6 78	8 0	35 0	1 124	904	1273	MIS	1968
HANDSWORTH	ALIDA	11 686	22 90	0 00	22 90	2 676	0 000	2 676	1 874	0 802	73 953	2688	7 89	11 3	35 0	1 333	886	1204	MIS	1964
HARTAVEN	FROBISHER-ALIDA	2 768	42 00	0 00	42 00	1 163	0 000	1 163	0 549	0 614	127 311	664	5 70	13 7	40 0	1 124	876	1199	MIS	1965
HAZELWOOD CENTRAL	TILSTON	4 050	13 40	0 00	13 40	0 543	0 000	0 543	0 400	0 142	19 646	712	7 47	14 1	40 0	1 111	848	1149	MIS	1963
HAZELWOOD SOUTH	TILSTON	9 682	12 90	0 00	12 90	1 249	0 000	1 249	1 029	0 220	57 084	1085	10 80	15 3	40 0	1 111	870	1210	MIS	1993
HAZELWOOD WEST	TILSTON	1 065	4 70	0 00	4 70	0 050	0 000	0 050	0 048	0 003	0 998	130	8 68	17 5	40 0	1 111	870	1210	MIS	1957
HEWARD	FROBISHER	4 182	10 00	0 00	10 00	0 418	0 000	0 418	0 336	0 083	17 815	842	7 04	13 0	39 0	1 124	878	1226	MIS	1986
HEWARD SOUTH	FROBISHER	1 630	5 70	0 00	5 70	0 093	0 000	0 093	0 053	0 039	5 603	486	7 58	7 7	35 0	1 124	887	1245	MIS	1965
HOFFER	RATCLIFFE	0 447	62 20	0 00	62 20	0 278	0 000	0 278	0 270	0 008	0 381	97	6 20	14 3	35 0	1 250	869	1935	MIS	1964
HUME	MIDALE	1 720	24 80	0 00	24 80	0 426	0 000	0 426	0 282	0 144	10 436	777	4 30	8 9	35 0	1 124	869	1332	MIS	1968
HUNTOON	FROBISHER	10 362	9 20	0 00	9 20	0 953	0 000	0 953	0 772	0 181	46 763	1991	9 00	10 0	35 0	1 124	892	1372	MIS	1957
	MIDALE (NON-UNIT)	2 917	6 30	0 00	6 30	0 184	0 000	0 184	0 165	0 019	4 801	1101	5 52	8 3	35 0	1 124	890	1371	MIS	1957
	MIDALE (VOLUNTARY UNIT NO 1)	4 443	5 00	4 60	9 60	0 222	0 204	0 427	0 373	0 054	4 083	1230	3 47	18 0	35 0	1 124	874	1359	MIS	1957
	MIDALE (VOLUNTARY UNIT NO 2)	0 522	2 07	1 77	3 84	0 011	0 009	0 020	0 019	0 001	0 626	162	5 70	12 7	50 0	1 124	875	1371	MIS	1957
HUNTOON NORTH	FROBISHER (NON-UNIT)	1 132	6 57	0 00	6 57	0 074	0 000	0 074	0 072	0 002	1 209	243	10 20	7 9	35 0	1 124	892	1370	MIS	1987
	FROBISHER (VOLUNTARY UNIT NO 1)	0 597	7 05	0 00	7 05	0 042	0 000	0 042	0 039	0 003	1 050	129	10 00	8 0	35 0	1 124	892	1370	MIS	1987
INGOLDSBY	FROBISHER-ALIDA	5 154	37 55	0 00	37 55	1 936	0 000	1 936	1 868	0 067	10 617	757	10 50	10 7	30 0	1 155	876	1089	MIS	1955
INNES	FROBISHER	13 372	29 00	0 00	29 00	3 878	0 000	3 878	3 099	0 779	104 342	2687	10 60	8 4	35 0	1 163	891	1333	MIS	1965
LAKE ALMA	RATCLIFFE (VOLUNTARY UNIT)	2 379	17 00	23 90	40 90	0 404	0 569	0 973	0 900	0 073	8 918	437	4 24	23 5	40 0	1 098	874	1981	MIS	1965
LOST HORSE HILL	FROBISHER-ALIDA (NON UNIT)	17 803	19 30	0 00	19 30	3 436	0 000	3 436	2 313	1 123	110 318	2331	10 14	14 1	40 0	1 124	897	1174	MIS	1963
	FROBISHER-ALIDA (VOL UNIT NO 1)	9 649	28 70	0 00	28 70	2 769	0 000	2 769	2 543	0 226	26 485	583	20 95	15 7	45 0	1 093	848	1174	MIS	1963
LOUGHEED	MIDALE (NON-UNIT)	19 477	9 90	0 00	9 90	1 928	0 000	1 928	1 580	0 348	112 010	1667	10 23	19 8	35 0	1 124	873	1407	MIS	1959
	MIDALE (VOLUNTARY UNIT NO 1)	13 912	10 06	6 50	16 56	1 400	0 904	2 304	1 486	0 817	108 397	1485	8 10	20 0	35 0	1 124	873	1407	MIS	1959
MACOUN	MIDALE (NON-UNIT)	1 017	43 30	0 00	43 30	0 441	0 000	0 441	0 306	0 135	25 040	453	3 62	11 1	35 0	1 163	895	1531	MIS	1969
	MIDALE (VOLUNTARY UNIT NO 1)	0 862	16 50	5 20	21 70	0 142	0 045	0 187	0 163	0 024	5 149	194	6 97	11 4	35 0	1 163	895	1531	MIS	1969

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
MACOUN SOUTH	MIDALE	0.267	27.72	0.00	27.72	0.074	0.000	0.074	0.072	0.002	1.730	97	5.30	11.0	45.0	1.163	895	1550	MIS	1991
MACOUN WEST	MIDALE	0.793	13.10	0.00	13.10	0.104	0.000	0.104	0.089	0.015	3.212	259	7.44	8.7	45.0	1.163	888	1559	MIS	1970
MELROSE	FROBISHER ALIDA	2.158	28.10	0.00	28.10	0.606	0.000	0.606	0.413	0.194	65.265	372	7.61	15.6	45.0	1.124	878	1169	MIS	1963
MIDALE	CENTRAL FROBISHER	10.540	16.40	0.00	16.40	1.729	0.000	1.729	1.290	0.438	90.408	3092	7.90	9.7	50.0	1.124	881	1411	MIS	1953
	CENTRAL MIDALE (E. VOL UNIT NO. 1)	2.552	20.45	2.70	23.15	0.522	0.069	0.591	0.226	0.365	29.647	680	3.79	17.8	37.5	1.124	883	1429	MIS	1976
	CENTRAL MIDALE (NON-UNIT)	17.490	12.50	0.00	12.50	2.186	0.000	2.186	1.306	0.880	64.982	4290	4.00	17.9	36.0	1.124	883	1402	MIS	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 1)	1.391	4.40	4.50	8.90	0.061	0.063	0.124	0.100	0.024	2.575	259	7.03	14.7	41.6	1.124	883	1340	MIS	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 2)	2.351	14.20	12.30	26.50	0.334	0.289	0.623	0.420	0.203	14.598	324	5.50	22.1	32.9	1.124	883	1340	MIS	1953
	CENTRAL MIDALE (S. VOL UNIT NO. 3)	2.921	4.30	11.00	15.30	0.126	0.321	0.447	0.095	0.352	10.362	648	4.22	18.8	36.1	1.124	883	1437	MIS	1964
	CENTRAL MIDALE (UNIT)	81.734	12.00	20.16	32.16	9.808	16.478	26.286	20.021	6.265	432.448	12335	7.54	16.3	39.4	1.124	877	1402	MIS	1953
MINARD	MIDALE	1.100	3.52	0.00	3.52	0.039	0.000	0.039	0.036	0.003	1.301	324	2.93	26.0	45.0	1.234	905	1340	MIS	1956
MONTMARTRE	RED RIVER	4.091	1.92	0.00	1.92	0.079	0.000	0.079	0.062	0.017	8.774	259	24.40	12.0	35.0	1.205	896	2160	MIS	1998
MOOSE VALLEY	TILSTON	8.877	15.60	0.00	15.60	1.385	0.000	1.385	1.031	0.354	62.536	1166	11.10	12.7	40.0	1.111	909	1163	MIS	1958
MOOSE VALLEY SOUTH	TILSTON	1.369	7.26	0.00	7.26	0.099	0.000	0.099	0.084	0.015	5.857	130	12.10	16.1	40.0	1.111	909	1204	MIS	1992
MOOSOMIN	RED JACKET SAND	1.610	14.80	0.00	14.80	0.238	0.000	0.238	0.139	0.100	8.715	97	7.66	29.1	25.0	1.010	928	596	JUR	1984
NEPTUNE	RATCLIFFE	3.730	19.50	0.00	19.50	0.727	0.000	0.727	0.511	0.217	12.421	971	4.85	16.0	45.0	1.111	910	1764	MIS	1967
NEPTUNE NORTH	MIDALE	14.741	1.40	0.00	1.40	0.206	0.000	0.206	0.161	0.045	12.974	696	20.00	17.7	35.0	1.087	920	1514	MIS	1983
NORTH HANDSWORTH	ALIDA (NON-UNIT)	3.172	20.65	0.00	20.65	0.655	0.000	0.655	0.571	0.084	15.315	971	6.70	10.0	35.0	1.333	885	1176	MIS	1965
	ALIDA (VOLUNTARY UNIT NO. 1)	0.238	13.92	0.00	13.92	0.033	0.000	0.033	0.032	0.001	0.315	65	7.50	10.0	35.0	1.333	885	1176	MIS	1965
PHEASANT RUMP	ALIDA	1.257	7.40	0.00	7.40	0.093	0.000	0.093	0.080	0.013	1.803	194	8.00	14.0	35.0	1.124	875	1290	MIS	1996
RALPH	MIDALE (NON-UNIT)	0.161	7.02	0.00	7.02	0.011	0.000	0.011	0.011	0.000	0.156	97	3.85	11.0	55.9	1.124	863	1315	MIS	1973
RED JACKET	GRAVELBOURG	0.221	6.17	0.00	6.17	0.014	0.000	0.014	0.013	0.000	0.000	32	3.60	31.0	39.0	1.003	930	735	JUR	1985
	RED JACKET SAND	4.896	17.75	3.50	21.25	0.869	0.171	1.041	0.830	0.211	45.195	405	6.75	28.8	37.5	1.003	948	665	JUR	1984
RED JACKET SOUTH	RED JACKET SAND	1.218	2.35	0.00	2.35	0.029	0.000	0.029	0.026	0.002	0.956	65	10.50	28.0	35.0	1.020	954	700	JUR	1990
SILVERTON EAST	FROBISHER	0.659	25.00	0.50	25.50	0.165	0.003	0.168	0.143	0.025	3.527	238	6.00	8.0	35.0	1.127	854	1135	MIS	1994
SILVERTON WEST	FROBISHER ALIDA	1.757	14.55	0.00	14.55	0.256	0.000	0.256	0.216	0.040	30.094	324	5.00	18.8	35.0	1.127	845	1170	MIS	1996
SKINNER LAKE	RATCLIFFE	2.338	12.30	0.00	12.30	0.288	0.000	0.288	0.174	0.114	7.370	615	4.29	17.9	45.0	1.111	893	1723	MIS	1969
STOUGHTON	FROBISHER ALIDA	1.113	47.00	0.00	47.00	0.523	0.000	0.523	0.470	0.053	6.328	473	4.30	9.8	35.0	1.164	882	1268	MIS	1960
STOUGHTON NORTH	FROBISHER	0.901	5.15	0.00	5.15	0.046	0.000	0.046	0.045	0.002	0.870	194	12.00	6.9	35.0	1.162	874	1245	MIS	1985
STOUGHTON SOUTH	FROBISHER	2.096	19.50	0.00	19.50	0.409	0.000	0.409	0.308	0.101	14.493	712	8.20	7.6	45.0	1.163	892	1265	MIS	1974
TATAGWA	MIDALE	3.582	16.97	0.00	16.97	0.676	0.000	0.676	0.584	0.091	29.676	615	7.10	16.8	41.0	1.087	904	1478	MIS	1977
TATAGWA CENTRAL	MIDALE	15.893	4.60	0.00	4.60	0.731	0.000	0.731	0.577	0.154	29.332	971	16.68	16.4	35.0	1.087	904	1478	MIS	1977
TATAGWA NORTH	MIDALE	20.764	2.63	0.00	2.63	0.546	0.000	0.546	0.336	0.210	38.525	1198	15.60	15.6	27.0	1.025	900	1470	MIS	1983
	MIDALE (VOLUNTARY UNIT NO. 1)	36.900	2.60	0.00	2.60	0.803	0.000	0.803	0.549	0.255	32.463	1982	14.90	16.5	35.0	1.025	900	1470	MIS	1983
TATAGWA WEST	MIDALE	16.892	3.34	0.00	3.34	0.564	0.000	0.564	0.376	0.189	36.403	826	22.50	15.2	35.0	1.087	924	1487	MIS	1978
UNION JACK	MIDALE	1.966	1.50	0.00	1.50	0.030	0.000	0.030	0.028	0.002	1.827	227	11.30	13.4	35.0	1.124	880	1306	MIS	1990
VIEW HILL	MIDALE	0.629	31.82	0.00	31.82	0.200	0.000	0.200	0.191	0.009	3.607	227	5.61	11.1	50.0	1.124	885	1539	MIS	1959
VIEWFIELD	FROBISHER (NON-UNIT)	3.083	9.74	0.00	9.74	0.300	0.000	0.300	0.295	0.006	4.972	567	10.00	10.7	35.0	1.279	872	1270	MIS	1969
	FROBISHER (VOLUNTARY UNIT NO. 2)	1.171	8.12	0.00	8.12	0.095	0.000	0.095	0.093	0.002	1.422	259	8.00	15.0	35.0	1.279	872	1270	MIS	1969
WAPELLA	MANNVILLE SAND	9.796	4.55	0.00	4.55	0.446	0.000	0.446	0.297	0.149	48.471	372	11.90	29.8	25.0	1.010	912	630	CRE	1983

OIL RESERVES DATA

POOL	HORIZON	INITIAL OIL IN PLACE	ESTIMATED RECOVERY PRIM.	ENHAN.	TOTAL	INITIAL RESERVES PRIM.	ENHAN.	TOTAL	TOTAL PROD. 12/31/02	REMAINING RESERVES	2002 PROD.	DEV. AREA	NET PAY	AVE. POR.	AVE. CONN. WATER	FORM. VOLUME FACTOR	OIL DENSITY	PROD. DEPTH	SYSTEM	DISC. YEAR
		1000000 m3	%			1000000 m3					1000 m3	ha	m	%			KG/m3	m		
WAPELLA	RED JACKET SAND	0.403	37.50	0.00	37.50	0.151	0.000	0.151	0.137	0.014	3.020	32	7.15	24.7	28.0	1.010	912	680	JUR	1954
	WAPELLA SAND	18.743	27.00	0.00	27.00	5.061	0.000	5.061	3.732	1.329	190.867	1651	5.85	28.0	30.0	1.010	906	701	CRE-JUR	1952
WEIR HILL	FROBISHER	1.182	11.50	0.00	11.50	0.136	0.000	0.136	0.132	0.004	3.285	130	24.83	7.5	35.0	1.333	871	1353	MIS	1968
WELWYN	RED JACKET SAND	0.181	17.00	0.00	17.00	0.031	0.000	0.031	0.018	0.013	1.845	32	3.00	30.0	30.0	1.111	946	600	JUR	1990
WEST INNES	FROBISHER	1.060	23.23	0.00	23.23	0.246	0.000	0.246	0.236	0.010	3.822	308	8.80	7.0	35.0	1.163	893	1335	MIS	1965
WEST KINGSFORD	MIDALE (CULLEN UNIT)	0.882	55.70	0.00	55.70	0.491	0.000	0.491	0.477	0.014	2.902	291	5.36	10.4	35.0	1.196	895	1485	MIS	1955
	MIDALE (NON-UNIT)	3.734	22.50	0.00	22.50	0.840	0.000	0.840	0.785	0.055	21.531	1085	5.50	11.6	35.0	1.205	882	1485	MIS	1955
WEYBURN	FROBISHER	9.629	7.65	0.00	7.65	0.736	0.000	0.736	0.702	0.035	8.283	1878	10.10	9.2	38.0	1.124	876	1417	MIS	1954
	MIDALE (NON-UNIT)	40.062	10.82	0.36	11.18	4.335	0.143	4.478	3.151	1.327	157.734	5910	6.42	17.2	31.0	1.124	877	1405	MIS	1954
	MIDALE (UNIT)	176.185	15.50	24.20	39.70	27.309	42.637	69.945	58.159	11.786	1213.035	21529	7.83	17.2	31.7	1.124	880	1399	MIS	1954
	MIDALE (VOLUNTARY UNIT NO. 9)	0.225	13.20	11.00	24.20	0.030	0.025	0.054	0.036	0.018	1.112	130	5.40	10.3	65.1	1.124	880	1405	MIS	1954
	TOTAL AREA 4M	**796.335**				**101.454**	**67.117**	**68.5706**	**131.722**	**36.849**	**4.295.513**									
	PROVINCIAL TOTAL	**5.575.960**				**528.995**	**276.621**	**105.6161**	**621.978**	**183.644**	**24.377.276**									

RESERVOIR DATA

RESERVES AND

PRODUCTION – GAS

FIVE YEAR GAS SUMMARY

	1998	1999	2000	2001	2002
INITIAL ESTABLISHED RESERVES (Million Cubic Metres)					
Non-Associated	171 545.0	176 687.7	188 118.8	192 264.4	203 356.7
Associated	2 051.7	2 117.3	2 127.4	2 127.4	2 109.0
Dissolved	15 122.4	15 122.4	17 838.3	18 334.7	18 832.8
PROVINCIAL TOTAL	188 719.2	193 927.4	208 084.5	212 726.5	224 298.5
REMAINING ESTABLISHED RESERVES (Million Cubic Metres)					
Non-Associated	67 525.9	66 474.9	71 075.1	68 387.2	72 742.3
Associated	1 005.1	1 012.5	952.1	940.0	911.4
Dissolved	4 696.0	3 957.0	5 889.6	5 695.7	5 538.7
PROVINCIAL TOTAL	73 227.0	71 444.4	77 916.8	75 022.9	79 192.4
YEARLY PRODUCTION (Million Cubic Metres)					
Non-Associated	6 204.6	6 426.6	6 595.2	6 729.8	6 739.0
Associated	36.7	47.0	33.4	11.3	9.5
Dissolved	664.8	739.0	783.5	690.3	655.1
PROVINCIAL TOTAL	6 906.1	7 212.6	7 412.1	7 431.4	7 403.6
NUMBER OF PRODUCING WELLS					
Non-Associated	9 122	10 221	11 452	13 151	14 946
Associated	4	6	9	9	7
PROVINCIAL TOTAL	9 126	10 227	11 461	13 160	14 953
AVERAGE DAILY PRODUCTION (Million Cubic Metres Per Day)					
Non-Associated	21.131	22.836	22.352	23.506	24.520
Associated	0.183	0.182	0.195	0.129	0.029
Dissolved	1.822	2.024	2.147	1.892	1.795
PROVINCIAL TOTAL	23.136	25.042	24.694	25.527	26.344

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE	RECOVERY FACTOR	SUMP LOSS	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/02	REMAINING RESERVES DEC 31/02	HEATING VALUE	2002 PRODUCTION YEARLY TOTAL	2002 PRODUCTION DAILY AVERAGE	DEVELOPED AREA	NET PAY	AVE POROSITY	WATER SAT	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH	SYSTEM	DISCOVERY YEAR
		MILLION M^3	%	%	..... MILLION CUBIC METRES			MJ/M^3	... MILLION M^3 ...		HECTARES	M	%	%		M		
NON-ASSOCIATED GAS RESERVES																		
ABBEY	MILK RIVER	4 617 6	60	5	2 632 0	71 4	2 560 6	35 1	71 445	1 463	26 353	5 00	16 0	45 0	0 585	333	CRET	2001
ABBEY EAST	MILK RIVER	45 4	60	5	25 9	0 0	25 9	35 1	0 000	0 000	259	5 00	16 0	45 0	0 585	334	CRET	2002
ABBEY NORTH	MILK RIVER	122 6	60	5	69 9	0 1	69 8	35 1	0 118	0 003	1 166	3 00	16 0	45 0	0 585	408	CRET	2001
BARTHEL	COLONY SAND	23 1	80	5	17 6	16 3	1 3	36 7	0 000	0 000	447	1 58	30 0	50 0	0 565	334	CRET	1993
BATTLE CREEK WEST	MILK RIVER	122 7	60	5	69 9	2 7		36 5	2 667	0 054	777	4 00	15 0	50 0	0 568	630	CRET	2001
	SECOND WHITE SPECKS	148 9	75	5	106 1	24 5	147 3	36 2	17 487	0 106	842	3 50	15 0	50 0	0 576	857	CRET	1997
	MILK RIVER SECOND WHITE SPECKS					1 5		36 5	1 508	0 010					0 568	630	CRET	2001
BAYHURST	VIKING (VOLUNTARY UNIT)	2 567 7	80	5	1 951 5	1 951 4	0 1	37 4	0 000	0 000	6 192	3 57	25 0	35 0	0 580	661	CRET	1958
BAYHURST WEST	VIKING (VOLUNTARY UNIT)	383 7	85	5	309 8	268 6	41 2	35 6	9 270	0 026	1 600	1 62	32 0	35 0	0 580	696	CRET	1968
BEACON HILL	MANNVILLE SAND (NON UNIT)	459 2	80	5	349 0	297 6	51 4	35 5	16 005	0 046	4 144	3 20	30 0	47 5	0 568	274	CRET	1963
	MANNVILLE SAND (VOLUNTARY UNIT)	3 936 4	90	5	3 365 6	2 978 4	387 2	35 6	94 208	0 274	17 948	4 75	35 0	40 0	0 568	274	CRET	1963
BEACON HILL SOUTH	MANNVILLE SAND	2 377 3	90	5	1 861 6	1 743 7	117 9	35 6	45 150	0 154	7 250	6 30	31 0	30 0	0 568	274	CRET	1963
BEACON HILL WEST	MANNVILLE SAND	773 4	85	5	624 5	517 5	107 0	35 9	27 607	0 082	2 848	5 00	35 0	35 0	0 573	310	CRET	1978
BEAR CREEK	MANNVILLE SAND	683 4	80	5	519 4	456 6	62 8	36 6	35 161	0 100	4 403	4 65	25 0	39 0	0 572	363	CRET	1990
BEVERLEY EAST	CANTUAR SAND (VOL UNIT NO 1)	378 0	83 5	5	299 8	294 1	5 7	36 9	1 020	0 004	874	2 53	28 1	33 0	0 583	972	CRET	1965
BIGSTICK	SECOND WHITE SPECKS	23 104 3	65	5	14 266 9	7 904 4	6 362 5	35 6	303 188	1 038	110 315	2 46	20 2	35 0	0 580	692	CRET	1980
BRANCH LAKE	COLONY SAND	829 0	75	5	590 7	422 4	168 3	36 3	32 375	0 094	4 284	4 50	30 0	40 0	0 569	342	CRET	1973
BROCK	VIKING (NON UNIT)	52 3	80	5	39 7	21 6	18 1	36 3	2 328	0 009	777	2 33	15 7	40 0	0 588	716	CRET	1951
	VIKING (UNIT)	765 2	83	5	603 4	593 8	9 6	36 3	1 200	0 005	5 698	2 19	14 5	40 0	0 588	716	CRET	1951
BROCK EAST	VIKING SAND	105 5	35	5	35 1	26 1	9 0	34 6	0 000	0 000	1 038	0 93	24 0	40 0	0 597	720	CRET	1997
BRONSON LAKE	COLONY SAND	1 115 8	90	5	954 0	839 4	114 6	35 9	43 302	0 121	3 301	5 23	30 0	20 0	0 574	455	CRET	1974
	WASECA SAND	26 8	75	5	19 1	19 1	0 0	36 3	0 000	0 000	191	4 21	22 5	50 0	0 570	457	CRET	1986
BRONSON LAKE SOUTH	COLONY SAND	340 2	90	5	260 9	200 1	60 8	36 0	2 177	0 008	1 548	3 80	31 0	35 0	0 574	458	CRET	1983
BURSTALL	MEDICINE HAT SAND	777 6	65	5	480 2	14 3		35 4	0 159	0 001	8 100	2 60	16 0	50 0	0 575	520	CRET	1952
	MILK RIVER	891 8	60	5	508 3	186 3	447 6	35 4	39 283	0 172	12 230	2 20	16 0	45 0	0 574	460	CRET	1952
	MILK RIVER MEDICINE HAT					340 3		35 4	45 553	0 184					0 574	460	CRET	1952
BURSTALL NORTH	VIKING SAND	232 0	60	5	132 2	114 3	17 9	35 6	1 164	0 004	1 011	1 90	25 0	45 0	0 580	748	CRET	1973
CADILLAC	SECOND WHITE SPECKS	279 2	65	5	172 4	26 2	146 2	34 4	24 701	0 068	2 004	2 00	18 0	45 0	0 595	797	CRET	1999
CARRUTHERS	COLONY SAND	224 3	72	5	153 4	152 9	0 5	34 0	1 157	0 004	795	4 03	26 3	29 0	0 595	518	CRET	1980
CAVALIER	SPINNEY HILL SAND	130 7	80	5	99 3	85 4	13 9	32 4	0 624	0 009	1 774	1 30	25 0	30 0	0 620	400	CRET	1972
COLD LAKE	COLONY SAND	323 4	80	5	245 8	197 6	48 2	36 4	5 595	0 017	2 461	3 74	29 0	40 0	0 568	330	CRET	1990
COLEVILLE SMILEY	VIKING (NON UNIT)	156 0	85	5	126 5	48 7	77 8	38 3	0 335	0 001	518	2 44	25 5	32 0	0 608	686	CRET	1951
	VIKING (UNIT)	7 454 4	90	5	6 373 5	5 901 8	471 7	38 3	88 081	0 190	20 980	3 25	22 5	32 0	0 608	686	CRET	1951
CONSUL	SECOND WHITE SPECKS	38 0	70	5	25 3	0 0	25 3	34 6	0 000	0 000	129	3 05	23 0	40 0	0 591	860	CRET	1973
	UPPER SHAUNAVON	57 4	50	5	27 3	27 3	0 0	39 7	0 000	0 000	127	2 13	20 0	25 0	0 600	1305	JURA	1973

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/02	REMAINING RESERVES DEC 31/02	HEATING VALUE MAJ/M^3	2002 PRODUCTION YEARLY TOTAL	2002 PRODUCTION DAILY AVERAGE	DEVELOPED AREA	NET PAY	AVE. POROSITY	WATER SAT.	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH	SYSTEM	DISCOVERY YEAR
		------ MILLION CUBIC METRES ------							--- MILLION M^3 ---		HECTARES	M	%	%		M		
CRANE LAKE	MEDICINE HAT SAND	432.2	65	5	266.9	1.9		35.4	0.884	0.005	5,022	2.50	15.0	50.0	0.575	477	CRET	1953
	MILK RIVER	6,303.3	65.5	5	3,922.2	2,483.4	1,536.8	35.4	160.912	0.530	29,332	6.35	16.0	45.0	0.574	442	CRET	1970
	MILK RIVER MEDICINE HAT					167.0		35.4	54.816	0.259					0.575	442	CRET	1953
CRANE LAKE SOUTH	MEDICINE HAT SAND	34.1	65	5	21.1	0.0		35.4	0.009	0.000	259	3.00	19.0	50.0	0.575	477	CRET	1998
	MILK RIVER	985.1	60	5	561.5	197.6	375.6	35.4	26.482	0.080	12,626	2.08	18.0	45.0	0.574	465	CRET	1983
	MILK RIVER MEDICINE HAT					9.4		35.4	1.952	0.006					0.575	465	CRET	1983
CRANE LAKE SOUTH	SECOND WHITE SPECKS	4,592.6	68	5	2,968.8	2,534.8	432.2	35.4	62.375	0.182	32,375	2.59	14.0	41.0	0.572	700	CRET	1983
CYPRESS	SECOND WHITE SPECKS	528.2	75	5	376.3	295.9	80.4	38.1	4.957	0.015	2,072	3.13	20.9	41.9	0.576	899	CRET	1994
DODSLAND NORTH	VIKING SAND (NON UNIT)	1,379.4	65	5	851.8	656.7	195.1	40.7	26.657	0.097	12,691	1.50	22.4	50.0	0.621	669	CRET	1953
	VIKING SAND (UNIT)	843.0	85	5	680.7	614.6	66.1	40.7	8.624	0.030	4,452	2.01	22.4	35.0	0.621	669	CRET	1953
DRAKE LAKE	COLONY SAND	245.8	80	5	186.8	139.4	47.4	38.9	2.654	0.011	900	3.58	27.0	40.0	0.583	634	CRET	1993
DRIVER	BAKKEN SAND	204.1	80	5	155.1	153.0	2.1	37.2	7.984	0.025	795	2.66	17.0	25.0	0.564	800	MISS	1985
	MANNVILLE SAND	293.9	85	5	238.1	219.2	18.9	37.1	4.779	0.017	1,295	2.27	25.0	45.0	0.578	749	CRET	1985
FLAT VALLEY	COLONY SAND	64.5	58	5	35.5	35.5	0.0	35.1	0.000	0.000	518	3.51	30.0	50.0	0.582	298	CRET	1971
	ST. WALBURG SAND	3.6	70	5	2.4	1.5	0.9	33.9	1.235	0.008	50	2.00	33.0	50.0	0.594	202	CRET	1977
FORT PITT	COLONY SAND	474.8	80	5	360.8	310.7	50.1	35.9	10.868	0.034	2,166	4.60	23.2	27.0	0.578	388	CRET	1972
FORT PITT NORTH	COLONY SAND	1,102.3	80	5	837.7	722.8	114.9	37.0	12.135	0.037	2,000	8.67	28.0	20.0	0.568	473	CRET	1971
	WASECA SAND	40.6	85	5	32.8	32.8	0.0	35.8	0.000	0.000	259	2.30	30.0	25.0	0.575	495	CRET	1988
FREEFIGHT	MILK RIVER	5,368.5	70	5	3,570.1	2,545.5	1,024.6	35.4	119.542	0.335	28,225	6.45	16.0	45.0	0.574	434	CRET	1970
FREEFIGHT NORTH	MILK RIVER	419.2	65	5	258.9	127.4	131.5	35.4	24.710	0.068	4,403	3.00	16.0	45.0	0.574	406	CRET	1977
FRENCHMAN BUTTE	COLONY SAND	996.5	85	5	804.7	709.7	95.0	35.9	10.702	0.038	2,590	8.00	27.4	37.8	0.577	424	CRET	1984
	ST. WALBURG SAND	390.2	80	5	298.6	228.0	68.6	35.2	12.313	0.035	1,059	6.00	32.0	37.0	0.575	351	CRET	1974
	WASECA SAND	22.3	80	5	16.9	16.9	0.0	36.3	0.000	0.000	299	1.83	27.6	50.0	0.576	466	CRET	1974
GLIDDEN	VIKING SAND	128.8	74	5	90.5	90.5	0.0	35.8	0.000	0.000	1,813	0.76	21.0	40.0	0.564	694	CRET	1953
GOLD LAKE	COLONY SAND	279.7	80	5	212.6	146.1	66.5	35.6	8.333	0.024	2,134	4.37	30.0	40.0	0.575	355	CRET	1990
GREENAN	VIKING SAND	1,300.3	35	5	465.6	422.1	43.5	35.2	4.310	0.014	6,216	1.98	24.6	35.0	0.596	655	CRET	1969
GULL LAKE	CANTUAR SAND	795.6	70	5	529.1	525.8	3.3	38.4	2.134	0.006	2,013	3.14	23.0	45.0	0.598	1057	CRET	1957
HALAM	COLONY SAND	35.3	80	5	26.8	25.0	1.8	36.5	1.413	0.004	175	3.50	20.0	45.0	0.569	675	CRET	1974
	WASECA SAND	99.1	85	5	80.0	74.2	5.8	36.6	0.400	0.001	450	3.50	20.0	40.0	0.579	687	CRET	1974
HATTON	MEDICINE HAT SAND (AGREEMENT AREA)	2,636.0	75	5	1,878.2	1,252.6	625.6	35.4	88.415	0.288	10,641	3.00	22.0	48.0	0.575	477	CRET	1953
	MEDICINE HAT SAND (NON UNIT)	22,271.5	80	5	16,926.3	8,879.8		35.4	83.985	0.249	167,866	3.01	19.1	50.0	0.575	477	CRET	1953
	MILK RIVER	78,983.5	69	5	51,773.7	17,056.0	25,066.2	35.4	538.565	1.739	237,986	8.90	18.0	45.0	0.574	335	CRET	1953
	MILK RIVER MEDICINE HAT					17,698.0		35.4	1,388.165	4.711					0.574	335	CRET	1953
HILLMOND	COLONY SAND	114.8	80	5	87.2	59.4	27.8	38.4	2.234	0.009	475	5.00	25.0	40.0	0.571	430	CRET	1980
	LLOYDMINSTER SAND	118.2	85	5	95.4	89.8	5.6	36.5	9.316	0.027	388	3.50	30.0	30.0	0.570	528	CRET	1980
HOOSIER	VIKING (NON UNIT)	35.1	60	5	20.0	20.0	0.0	37.3	0.000	0.000	259	1.30	23.0	32.0	0.600	732	CRET	1953
	VIKING (UNIT)	4,643.2	75	5	3,308.3	2,969.0	339.3	37.3	51.161	0.141	12,468	3.32	23.0	32.0	0.600	732	CRET	1953

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/02	REMAINING RESERVES DEC 31/02	HEATING VALUE MAJ/M^3	2002 PRODUCTION YEARLY TOTAL	2002 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
		------- MILLION CUBIC METRES -------							--- MILLION M^3 ---									
HOOSIER SOUTH	BAKKEN SAND	454 3	75	5	323 7	232 5	91 2	37 0	14 793	0 071	1,040	3 00	25 0	30 0	0 564	863	MISS	1997
HORSHAM	RIBSTONE CREEK SAND	283 2	60	5	161 4	84 2	77 2	35 9	15 265	0 062	1,935	4 00	30 0	25 0	0 569	231	CRET	1983
INGEBRIGT	MILK RIVER	9,970 6	77	5	7,293 5	5,172 2	2,121 3	35 4	329 385	0 910	42,994	6 95	16 0	45 0	0 574	414	CRET	1970
KINDERSLEY	VIKING SAND	434 2	70	5	288 7	273 3	15 4	36 7	2 880	0 010	2,590	2 10	18 3	40 0	0 579	687	CRET	1980
KINDERSLEY SOUTH	VIKING SAND	45 6	70	5	30 3	23 1	7 2	31 5	2 317	0 006	340	1 60	18 0	35 0	0 626	708	CRET	1996
LACADENA	MILK RIVER	3,288 4	60	5	1,874 4	13 5	1,860 9	35 0	13 491	0 315	18,713	5 00	16 0	45 0	0 584	358	CRET	2000
LACADENA SOUTH	MILK RIVER	527 9	60	5	300 9	0 0	300 9	35 0	0 000	0 000	3,755	4 00	16 0	45 0	0 584	446	CRET	2002
LASHBURN	MCLAREN SAND	308 1	80	5	234 2	215 1	19 1	35 8	6 983	0 019	1,239	3 05	35 0	30 0	0 596	476	CRET	1960
LIEBENTHAL	MILK RIVER	4,308 9	67	5	2,742 6	1,763 8	978 8	35 4	162 080	0 513	41,181	3 00	16 0	45 0	0 578	396	CRET	1974
LLOYDMINSTER	COLONY SAND	328 1	80	5	249 4	247 7	1 7	34 4	10 893	0 037	1,320	4 25	25 0	30 0	0 568	518	CRET	1935
LLOYDMINSTER NORTH	COLONY SAND	22 6	75	5	16 1	13 7	2 4	34 4	0 000	0 000	259	1 52	25 0	30 0	0 595	502	CRET	1952
LLOYDMINSTER SOUTH	COLONY SAND	12 0	85	5	9 7	8 5	1 2	34 4	0 021	0 004	85	3 20	25 0	50 0	0 595	521	CRET	1946
LOON LAKE	COLONY SAND	71 5	60	5	40 8	40 8	0 0	36 0	2 154	0 012	750	3 20	29 0	50 0	0 570	282	CRET	1985
LOVERNA NORTH	BAKKEN SAND	275 2	80	5	209 2	186 1	23 1	39 3	2 002	0 006	258	9 90	20 4	37 5	0 578	831	MISS	1989
	MANNVILLE SAND	256 7	80	5	195 1	156 2	38 9	27 3	0 773	0 005	841	3 50	24 4	56 0	0 578	768	CRET	1973
LOVERNA SOUTH	BAKKEN SAND	467 7	75	5	333 2	320 7	12 5	37 4	0 896	0 004	1,813	2 08	20 2	21 0	0 580	826	MISS	1973
	VIKING SAND	372 1	80	5	282 8	275 1	7 7	37 9	0 004	0 001	2,300	2 80	22 5	53 0	0 592	689	CRET	1973
LOVERNA WEST	BAKKEN SAND	232 3	75	5	165 5	165 5	0 0	39 1	0 000	0 000	522	5 00	17 0	40 0	0 605	844	MISS	1980
LUSELAND	VIKING SAND	948 3	30	5	270 3	160 0	110 3	37 9	13 925	0 038	15,175	1 25	16 0	50 0	0 590	600	CRET	1973
MAKWA	MANNVILLE SAND	541 4	75	5	385 7	333 5	52 2	36 1	22 614	0 071	3,626	3 50	29 5	40 0	0 572	306	CRET	1984
MARENGO	VIKING SAND	118 9	60	5	67 8	61 6	6 2	36 3	0 134	0 002	518	1 89	25 0	35 0	0 576	728	CRET	1954
MERRYFLAT	SECOND WHITE SPECKS	768 7	55	5	401 6	312 6	89 0	36 3	18 422	0 051	3,367	3 36	20 8	50 0	0 575	1005	CRET	1971
MILTON	VIKING SAND	1,146 1	85	5	925 5	877 4	48 1	37 3	10 805	0 035	5,181	1 80	25 0	32 0	0 604	732	CRET	1954
MONCHY	SECOND WHITE SPECKS	185 9	50	5	88 3	27 5	60 8	36 1	4 645	0 013	1,554	2 50	18 0	50 0	0 578	585	CRET	1976
MUDIE LAKE	COLONY SAND	1,313 2	80	5	998 0	826 3	171 7	36 0	50 135	0 149	8,289	4 14	28 9	35 0	0 571	389	CRET	1971
PARADISE HILL	COLONY SAND	271 8	80	5	206 6	165 0	41 6	35 7	17 383	0 053	2,134	2 70	27 0	45 0	0 579	411	CRET	1988
	WASECA SAND	122 5	80	5	93 1	88 6	4 5	36 0	9 977	0 028	682	2 65	30 0	32 5	0 575	459	CRET	1990
PECK LAKE	COLONY SAND	2,406 5	85	5	1,943 2	1,691 4	251 8	36 1	118 232	0 337	9,842	5 15	30 5	48 0	0 574	443	CRET	1969
PECK LAKE NORTH	SECOND WHITE SPECKS	204 5	75	5	145 7	97 0	48 7	36 1	22 002	0 062	1,760	2 00	34 0	50 0	0 574	298	CRET	1989
PECK LAKE SOUTH	SECOND WHITE SPECKS	247 8	80	5	184 5	108 3	76 2	36 1	10 639	0 031	2,202	2 25	25 0	45 0	0 574	319	CRET	1986
PIERCELAND	MANNVILLE SAND	1,582 3	93 5	5	1,405 5	1,405 5	0 0	36 5	0 000	0 000	3,821	9 27	35 0	40 0	0 564	272	CRET	1969
PIERCELAND WEST	COLONY SAND	268 3	70	5	178 4	154 9	23 5	37 4	5 375	0 018	1,719	4 60	29 6	52 0	0 558	308	CRET	1983
PRAIRIEDALE EAST	VIKING SAND	555 5	60	5	316 6	146 3	170 3	37 3	17 819	0 105	5,050	1 80	18 0	50 0	0 600	700	CRET	1978
PRIMATE	MANNVILLE SAND	152 8	85	5	123 4	110 5	12 9	36 8	5 194	0 016	480	4 00	28 0	48 0	0 570	747	CRET	1989
PRIMROSE LAKE	MANNVILLE SAND	874 6	85	5	706 2	462 0	244 2	36 3	18 106	0 050	3,690	8 22	28 0	40 0	0 568	277	CRET	1990
PRIMROSE LAKE EAST	MANNVILLE SAND	1,089 6	85	5	879 9	765 1	114 8	36 3	37 291	0 103	5,113	8 00	30 0	30 0	0 575	277	CRET	1991
REA	LLOYDMINSTER SAND	162 1	80	5	118 4	117 7	0 7	36 1	0 238	0 002	525	4 00	30 0	30 0	0 570	521	CRET	1980

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/02	REMAINING RESERVES DEC 31/02	HEATING VALUE MJ/M^3	2002 PRODUCTION YEARLY TOTAL	2002 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE. POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
		------- MILLION CUBIC METRES ------							--- MILLION M^3 ---									
SALVADOR	MANNVILLE SAND	250 1	75	5	178 2	108 1	70 1	36 9	4 388	0 013	580	4 63	28 7	41 7	0 566	731	CRET	1980
SENATE	SECOND WHITE SPECKS	1,020 0	60	5	581 4	537 1	44 3	35 6	6 625	0 018	5,180	2 17	23 0	40 0	0 578	808	CRET	1971
SENLAC	MCLAREN SAND	368 6	80	5	280 1	213 2	66 9	36 5	31 090	0 089	1,788	2 20	27 0	30 0	0 577	666	CRET	1993
	SPARKY SAND	473 1	85	5	382 0	335 8	46 2	36 0	3 501	0 012	1,813	3 00	28 0	40 0	0 580	697	CRET	1967
SENLAC WEST	COLONY SAND	281 6	80	5	214 0	127 1	86 9	36 8	32 028	0 090	1,290	3 00	26 0	45 0	0 576	661	CRET	1968
SPRUCE LAKE	MANNVILLE SAND	2 6	65	5	1 6	1 6	0 0	36 5	0 000	0 000	32	1 68	28 0	40 0	0 571	458	CRET	1981
SPRUCE LAKE NORTH	COLONY SAND	94 8	75	5	67 5	61 1	6 4	36 0	1 096	0 003	760	3 40	27 7	35 0	0 570	427	CRET	1985
SUPERB	BAKKEN SAND (NON-UNIT)	1 8	70	5	1 2	1 2	0 0	37 1	0 000	0 000	7	2 50	19 4	30 0	0 600	798	MISS	1965
SUPERB	BAKKEN SAND (VOL UNIT NO. 1)	397 6	85	5	321 1	289 8	31 3	37 1	2 481	0 008	584	4 62	26 0	25 0	0 600	798	MISS	1965
TANGLEFLAGS	COLONY SAND	1,331 5	75	5	948 7	752 8	195 9	35 9	20 159	0 061	2,331	6 30	33 5	15 0	0 600	488	CRET	1965
	MCLAREN SAND (NON-UNIT)	1,120 9	85	5	905 1	626 2	278 9	35 6	13 745	0 046	2,616	5 50	31 0	25 0	0 591	475	CRET	1965
	SECOND WHITE SPECKS	186 0	85	5	150 2	129 3	20 9	36 1	2 202	0 010	1,700	1 80	32 0	40 0	0 591	286	CRET	1965
	ST. WALBURG SAND	103 9	75	5	74 0	70 0	4 0	35 8	1 109	0 004	600	2 50	33 0	40 0	0 581	315	CRET	1965
TOTNES	VIKING SAND (NON-UNIT)	116 3	60	5	66 3	12 2	54 1	35 5	0 260	0 002	388	2 71	25 0	40 0	0 584	613	CRET	1969
	VIKING SAND (VOLUNTARY UNIT)	465 7	85	5	376 1	351 0	25 1	35 5	2 236	0 006	1,554	2 71	25 0	40 0	0 584	613	CRET	1969
UNITY SOUTH	SPARKY SAND	44 2	85	5	35 7	35 7	0 0	35 2	0 000	0 000	319	2 24	28 0	55 0	0 590	606	CRET	1985
UNITY SOUTH	UNITY SAND	312 3	90	5	267 0	267 0	0 0	33 6	0 000	0 000	880	3 05	26 0	20 0	0 600	632	CRET	1944
	VIKING SAND	73 9	65	5	45 6	41 8	3 8	37 4	2 137	0 008	777	1 22	21 6	35 0	0 600	503	CRET	1945
VERENDRYE NORTH	VIKING SAND (VOL UNIT)	177 8	80	5	135 1	124 0	11 1	36 7	4 886	0 014	1,036	1 44	25 0	30 0	0 579	694	CRET	1972
VIDORA	BEARPAW SAND	465 2	60	5	265 2	116 3		35 9	28 727	0 087	7,760	2 50	30 0	30 0	0 587	229	CRET	1996
	BELLY RIVER SAND	354 8	60	5	202 2	43 3	214 3	35 8	7 989	0 025	4,005	3 40	30 0	30 0	0 587	260	CRET	1998
	BEARPAW BELLY RIVER SANDS	--	--	--	--	93 5		35 9	14 071	0 050	--	--	--	--	0 587	245	CRET	1996
WHEAT VALLEY	CANTUAR SAND	139 2	50	5	66 1	66 1	0 0	37 9	0 000	0 000	630	2 10	20 8	38 5	0 580	950	CRET	1973
WHELAN	MANNVILLE SAND	484 7	85	5	391 4	283 7	107 7	36 7	7 798	0 029	1,814	5 95	31 0	45 0	0 565	407	CRET	1989
	ST. WALBURG SAND	123 1	85	5	99 4	92 4	7 0	36 5	2 956	0 011	1,425	1 88	30 5	45 0	0 569	321	CRET	1989
WHITESIDE	RIBSTONE CREEK SAND (VOL UNIT)	652 9	87	5	539 6	520 3	19 3	37 4	4 623	0 013	2,987	4 41	35 0	30 0	0 568	229	CRET	1962
WHITESIDE WEST	RIBSTONE CREEK SAND	114 2	80	5	86 8	85 0	1 8	36 0	0 633	0 002	1,036	3 53	33 0	25 0	0 572	248	CRET	1984
	VIKING SAND	425 7	45	5	182 0	105 5	76 5	39 1	3 748	0 021	1,942	2 22	22 8	32 0	0 578	724	CRET	1956
WYMARK	SECOND WHITE SPECKS	2633 7	65	5	1,626 3	646 8	979 5	34 4	201 961	0 599	18,001	2 00	18 0	40 0	0 596	884	CRET	1998
YONKER	COLONY SAND	47 6	85	5	38 4	35 0	3 4	35 8	0 067	0 001	250	2 30	30 0	40 0	0 600	565	CRET	1989
	MCLAREN SAND	68 7	85	5	55 5	41 3	14 2	35 9	3 795	0 010	388	2 00	28 0	30 0	0 600	575	CRET	1989
MISCELLANEOUS	ALIDA	48 9	--	--	39 5	37 6	1 9	39 9	0 000	0 000	193	--	--	--	--	--	MISS	--
	BAKKEN	4,302 0	--	--	3,313 5	1,602 9	1,710 6	37 8	179 713	0 692	8,642	--	--	--	--	--	MISS	--
	BASAL MANNVILLE	528 6	--	--	420 6	190 4	230 2	36 9	4 784	0 018	446	--	--	--	--	--	CRET	--
	BEARPAW	88 4	--	--	50 7	4 9	45 8	35 9	2 128	0 007	773	--	--	--	--	--	CRET	--
	BELLY RIVER	855 6	--	--	517 5	227 2	290 3	36 1	22 025	0 155	6,203	--	--	--	--	--	CRET	--
	CANTUAR	357 1	--	--	272 3	213 7	58 6	35 2	31 127	0 112	1,525	--	--	--	--	--	CRET	--

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/02	REMAINING RESERVES DEC 31/02	HEATING VALUE MJ/M^3	2002 PRODUCTION YEARLY TOTAL	2002 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE POROSITY %	WATER SAT %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	SYSTEM	DISCOVERY YEAR
					..... MILLION CUBIC METRES				--- MILLION M^3 ---									
MISCELLANEOUS	COLONY	13 248 0	-	-	9 930 4	6 046 5	3 883 9	34 4	522 984	1 883	58 130	-	-	-	-	-	CRET	-
	CUMMINGS	367 4	-	-	277 3	194 0	83 3	36 6	5 854	0 048	1 499	-	-	-	-	-	CRET	-
	GENERAL PETROLEUM	330 6	-	-	252 4	157 0	95 4	36 1	14 582	0 070	1 300	-	-	-	-	-	CRET	-
	LLOYDMINSTER	1 482 7	-	-	1 182 4	684 5	497 9	34 4	60 020	0 207	4 741	-	-	-	-	-	CRET	-
	MANVILLE	8 601 1	-	-	6 563 8	3 161 1	3 402 7	37 4	290 739	1 145	21 981	-	-	-	-	-	CRET	-
	MCLAREN	3 897 7	-	-	2 946 6	2 158 0	788 6	34 4	96 529	0 345	17 064	-	-	-	-	-	CRET	-
	MEDICINE HAT	15 9	-	-	11 6	0 0	11 6	35 4	0 000	0 000	192	-	-	-	-	-	CRET	-
	MILK RIVER	6 216 2	-	-	3 560 9	3 3	3 557 6	35 9	1 779	0 027	9 408	-	-	-	-	-	CRET	-
	REX	1 113 9	-	-	843 4	491 3	352 1	34 4	67 460	0 271	5 654	-	-	-	-	-	CRET	-
	RIBSTONE CREEK	1 094 1	-	-	760 6	406 1	354 5	34 4	10 125	0 074	15 091	-	-	-	-	-	CRET	-
	ROSERAY	302 1	-	-	224 1	159 0	65 1	37 4	4 306	0 052	693	-	-	-	-	-	CRET	-
	SECOND WHITE SPECKS	1 349 1	-	-	935 9	216 8	719 1	35 4	30 384	0 105	6 373	-	-	-	-	-	CRET	-
	SPARKY	2 260 6	-	-	1 706 8	956 7	750 1	34 4	87 508	0 346	10 972	-	-	-	-	-	CRET	-
	SPINNEY HILL	61 5	-	-	39 5	9 2	30 3	32 0	2 718	0 025	765	-	-	-	-	-	CRET	-
	ST WALBURG	1 308 7	-	-	956 2	618 7	339 5	35 2	70 367	0 336	12 352	-	-	-	-	-	CRET	-
	SUCCESS	1 545 3	-	-	1 207 7	439 4	768 3	38 0	59 821	0 190	2 877	-	-	-	-	-	PRE-CRET	-
	UPPER SHAUNAVON	645 3	-	-	507 6	433 4	74 2	36 0	4 747	0 060	828	-	-	-	-	-	JURA	-
	VIKING	4 733 6	-	-	3 231 2	904 3	2 326 9	37 4	87 388	0 352	16 735	-	-	-	-	-	CRET	-
	WASECA	1 999 5	-	-	1 499 8	697 5	802 3	34 2	104 960	0 377	9 217	-	-	-	-	-	CRET	-
	WINNIPEG SAND	32 1	-	-	24 4	5 3	19 1	34 4	0 000	0 000	8	-	-	-	-	-	ORDO	-
	TOTAL NON-ASSOCIATED	293,364 3			203,356 7	130,614 4	72,742 3		6,739 058	24 520								

ASSOCIATED GAS RESERVES

ABERFELDY	SPARKY SAND	105 5	80	5	65 0	62 7	2 3	34 4	0 000	0 000	678	2 44	25 0	30 0	0 595	529	CRET	1958
ALIDA EAST	PROBISHER ALIDA	688 4	55	5	359 7	160 7	199 0	45 0	0 000	0 000	656	5 79	18 1	20 0	0 700	1,116	MISS	1954
ALIDA WEST	ALIDA	81 4	85	5	65 7	0 0	65 7	45 0	0 000	0 000	214	3 05	14 3	31 0	0 700	1,137	MISS	1955
AVON HILL	VIKING SAND	10 5	80	5	8 0	0 0	8 0	37 4	0 000	0 000	40	2 13	25 0	30 0	0 600	678	CRET	1959
BIG GULLY	MCLAREN SAND	67 2	80	5	51 1	32 1	19 0	36 0	2 610	0 007	518	5 00	24 0	30 0	0 579	476	CRET	1962
BIG GULLY	WASECA SAND	25 4	80	5	19 3	16 9	2 4	36 0	0 000	0 000	259	2 00	25 0	30 0	0 586	508	CRET	1962
BUFFALO COULEE	BAKKEN SAND	3 5	60	5	2 0	2 0	0 0	37 2	0 000	0 000	8	3 09	23 0	25 0	0 565	808	MISS	1953
CANTUAR EAST	CANTUAR SAND	915 8	90	3	799 5	569 3	230 2	37 4	0 000	0 000	1,635	4 40	24 3	42 4	0 599	960	CRET	1957
COSINE LAKE	LLOYDMINSTER SAND	170 7	70	5	113 5	103 6	9 9	34 4	4 872	0 015	483	2 92	30 0	35 0	0 600	770	CRET	1972
DEE VALLEY	WASECA SAND	75 4	70	5	50 1	0 0	50 1	37 2	0 000	0 000	663	1 50	30 0	30 0	0 597	460	CRET	1967
EPPING	SPARKY SAND	6 9	80	5	5 2	2 6	2 6	34 4	0 000	0 000	65	2 00	25 0	40 0	0 609	610	CRET	1967
EUREKA	VIKING SAND	13 5	80	5	10 3	10 0	0 3	40 7	0 100	0 001	70	2 01	22 4	35 0	0 622	689	CRET	1954

NATURAL GAS RESERVES AND RESERVOIR DATA

POOL	PRODUCING HORIZON	INITIAL GAS IN PLACE MILLION M^3	RECOVERY FACTOR %	SURF LOSS %	INITIAL ESTABLISHED RESERVES	CUMULATIVE PRODUCTION DEC 31/02	REMAINING RESERVES DEC 31/02	HEATING VALUE MJ/M^3	2002 PRODUCTION YEARLY TOTAL	2002 PRODUCTION DAILY AVERAGE	DEVELOPED AREA HECTARES	NET PAY M	AVE POROSITY %	WATER SAT. %	PRODUCING SPECIFIC GRAVITY	PRODUCING DEPTH M	PRODUCING SYSTEM	DISCOVERY YEAR
					..... MILLION CUBIC METRES				--- MILLION M^3 ---									
HOOSIER	BAKKEN SAND	203.8	90	5	174.2	165.4	8.8	37.9	1.168	0.003	480	3.05	25.0	36.0	0.576	852	MISS	1972
LASHBURN	WASECA SAND	4.1	80	5	3.1	3.1	0.0	34.4	0.000	0.000	16	4.51	25.0	30.0	0.592	498	CRET	1966
LONE ROCK	SPARKY SAND	0.3	70	5	0.2	0.2	0.0	34.4	0.000	0.000	4	2.00	20.0	50.0	0.600	560	CRET	1947
MANTARIO NORTH	BASAL MANNVILLE SAND	31.0	80	5	23.6	0.1	23.5	36.9	0.000	0.000	64	2.30	32.0	20.0	0.584	906	CRET	1994
MARSDEN SOUTH	SPARKY SAND	93.5	50	5	44.4	22.4	22.0	34.4	0.000	0.000	518	2.04	30.0	35.0	0.600	625	CRET	1979
NORTH HOOSIER	BAKKEN SAND	10.8	85	5	8.7	4.0	4.7	37.7	0.000	0.000	83	1.52	20.0	25.0	0.600	831	MISS	1960
NOTTINGHAM	ALIDA	304.3	90	5	260.2	0.0	260.2	45.0	0.000	0.000	354	6.10	16.7	34.0	0.700	1,061	MISS	1956
SEWARD	SUCCESS SAND	2.4	70	3	1.6	0.4	1.2	38.0	0.114	0.001	16	1.50	20.0	30.0	0.599	999	PRE-CRET	1996
SILVERDALE	SPARKY SAND	16.3	80	5	12.4	12.4	0.0	34.4	0.000	0.000	76	3.05	25.0	30.0	0.596	573	CRET	1965
SMILEY DEWAR	VIKING SAND	15.8	85	5	12.8	11.9	0.9	38.3	0.000	0.000	65	2.29	25.5	32.0	0.608	694	CRET	1973
TANGLEFLAGS	SPARKY SAND	4.2	75	5	3.0	3.0	0.0	34.4	0.000	0.000	22	3.04	25.0	30.0	0.595	511	CRET	1969
WILLMAR NORTH	FROBISHER ALIDA	20.3	80	5	15.4	14.8	0.6	45.0	0.623	0.002	48	6.00	12.0	50.0	0.700	1,205	MISS	1993
	TOTAL ASSOCIATED	2,871.0			2,109.0	1,197.6	911.4		9.487	0.029								
DISSOLVED GAS RESERVES																		
	AREA I				379.0	209.0	170.0		33.997	0.093								
	AREA II				5,414.2	3,891.4	1,522.8		294.525	0.807								
	AREA III				1,890.6	994.4	896.2		112.028	0.307								
	AREA IV				11,149.0	8,199.3	2,949.7		214.550	0.588								
	TOTAL DISSOLVED				18,832.8	13,294.1	5,538.7		655.100	1.795								
	PROVINCIAL TOTALS	296,235.3			224,298.5	145,106.1	79,192.4		7,403.645	26.344								

OIL AND GAS UNITS

AND ENHANCED

RECOVERY PROJECTS

OIL AND GAS UNITS

AND ENHANCED

RECOVERY PROJECTS

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	EFFECTIVE DATE OF UNIT	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
AREA I					
ABERFELDY UNIT	HUSKY	SPARKY	12/1/1962	5/1/1966	WATERFLOOD (SUSPENDED)
					IN-SITU WET COMB. (SUSP.)
					STEAMFLOOD (SUSPENDED)
BEACON HILL MANNVILLE VOLUNTARY GAS UNIT	NEXEN CANADA	COLONY & MCLAREN	5/1/1995	—	—
BIG GULLY VOLUNTARY UNIT NO. 1	HUSKY	WASECA & MCLAREN	10/1/1970	1/1/1971	WATERFLOOD (SUSPENDED)
GOLDEN LAKE VOLUNTARY UNIT	CAN. NATURAL	SPARKY & WASECA	1/1/1971	6/1/1991	WATERFLOOD (SUSPENDED)
GOLDEN LAKE SOUTH VOLUNTARY UNIT	CAN. NATURAL	SPARKY & WASECA	9/1/1991	—	WATERFLOOD (SUSPENDED)
GULLY LAKE WASECA VOLUNTARY UNIT NO. 1	HUSKY	WASECA	8/1/1971	—	WATERFLOOD (SUSPENDED)
LASHBURN WASECA VOLUNTARY UNIT	HUSKY	WASECA	4/1/1968	6/1/1971	WATERFLOOD (SUSPENDED)
LONE ROCK VOLUNTARY UNIT NO. 1	CAN. NATURAL	SPARKY & G.P.	10/1/2002	—	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	SPARKY	11/1/1985	—	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2	NEXEN CANADA	SPARKY	7/1/1989	9/1/1992	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3	PENN WEST	SPARKY	4/1/1990	—	WATERFLOOD
MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4	NEXEN CANADA	SPARKY	7/1/1997	—	WATERFLOOD
NORTH DULWICH SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	10/1/1970	—	WATERFLOOD (SUSPENDED)
NORTHMINSTER SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	3/1/1970	9/1/1970	WATERFLOOD (SUSPENDED)
SOUTH ABERFELDY SPARKY VOLUNTARY UNIT	HUSKY	SPARKY	9/1/1969	5/1/1970	WATERFLOOD (SUSPENDED)
SOUTH EPPING UNIT NO. 1	CAN. NATURAL	SPARKY & G.P.	2/1/1966	9/1/1967	WATERFLOOD
SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1	CAN. NATURAL	SPARKY	1/1/1972	7/1/1973	WATERFLOOD (SUSPENDED)
TANGLEFLAGS VOLUNTARY UNIT NO. 2	CAN. NATURAL	LLOYDMINSTER	3/1/1981	—	WATERFLOOD
TANGLEFLAGS VOLUNTARY UNIT NO. 4	HUSKY	LLOYDMINSTER	1/1/1991	—	WATERFLOOD (SUSPENDED)
AREA II					
AVON HILL VIKING VOLUNTARY UNIT	K-TOWN HOLDINGS	VIKING	8/1/1985	—	WATERFLOOD (SUSPENDED)
BAYHURST VIKING VOLUNTARY GAS UNIT	TRANSGAS	VIKING	11/1/1966	—	GAS STORAGE
BROCK VIKING SAND GAS UNIT	RACING RES.	VIKING	3/1/1954	—	—
CACTUS LAKE VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	5/1/1988	—	WATERFLOOD
CACTUS LAKE VOLUNTARY UNIT NO. 2	NEXEN CANADA	BAKKEN	6/1/1988	—	WATERFLOOD
CACTUS LAKE VOLUNTARY UNIT NO. 3	NEXEN CANADA	BAKKEN	7/1/2000	—	WATERFLOOD
CACTUS LAKE NORTH MCLAREN VOLUNTARY UNIT NO. 1	MURPHY OIL	MCLAREN	12/1/1993	—	SAGD PROCESS
COLEVILLE-SMILEY VIKING SAND GAS UNIT	IMPERIAL OIL	VIKING	7/1/1955	4/1/1972	—
COLEVILLE SOUTH BAKKEN SAND VOLUNTARY UNIT	PENN WEST	BAKKEN	3/1/1988	8/1/1997	WATERFLOOD
COURT BAKKEN SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	5/1/1988	1/1/1994	WATERFLOOD
DODSLAND VIKING GAS VOLUNTARY UNIT	TRUE ENERGY	VIKING	11/1/1967	1/1/1970	—
EAGLE LAKE VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	10/1/1966	—	WATERFLOOD
EAST DODSLAND VIKING VOLUNTARY UNIT	ACCLAIM ENERGY	VIKING	9/1/1985	—	WATERFLOOD (SUSPENDED)
GLENEATH UNIT	ENERPLUS	VIKING	6/1/1966	10/1/1967	WATERFLOOD
GLENEATH SOUTH VIKING VOLUNTARY UNIT	ISH ENERGY	VIKING	9/1/1985	—	WATERFLOOD (SUSPENDED)
HOOSIER BAKKEN SAND VOL. UNIT NO. 1	PENN WEST	BAKKEN	3/1/1981	—	WATERFLOOD
HOOSIER VIKING SAND GAS UNIT	IMPERIAL OIL	VIKING	8/1/1957	—	—
KIYIU LAKE VIKING VOLUNTARY UNIT	ACCLAIM ENERGY	VIKING	12/1/1985	—	—
KIYIU LAKE VIKING VOLUNTARY UNIT NO. 2	ACCLAIM ENERGY	VIKING	1/1/1988	—	WATERFLOOD
LUCKY HILLS VIKING SAND VOLUNTARY GAS UNIT	ISH ENERGY	VIKING	5/1/1971	—	—
MANTARIO EAST BASAL MANNVILLE VOLUNTARY UNIT NO. 1	CONOCOPHILLIPS	BASAL MANNVILLE	9/1/1996	4/1/2000	WATERFLOOD
MANTARIO NORTH BASAL MANNVILLE VOL. UNIT NO. 1	CONOCOPHILLIPS	BASAL MANNVILLE	2/1/1996	—	WATERFLOOD
NORTH DODSLAND VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	5/1/1985	—	WATERFLOOD
NORTH DODSLAND VIKING VOLUNTARY UNIT NO. 2	ULTIMA VENTURES	VIKING	1/1/1989	—	—
NORTH EUREKA UNIT	ULTIMA VENTURES	VIKING	9/1/1965	12/1/1971	WATERFLOOD
NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT	PENN WEST	BAKKEN	7/1/1970	9/1/1973	WATERFLOOD
NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT	FRASER	MANNVILLE	1/1/1969	5/1/1980	WATERFLOOD

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS DEC-02 PROD.	INJ.	DATE OF FIRST INJECTION	INJECTION RATE, M3/D DEC-02	UNIT NAME
						AREA I
MANNVILLE	INV. 9-SPOT & 5-SPOT	1	—	May-64	—	ABERFELDY UNIT
GLACIAL DRIFT	INV. 9-SPOT & 5-SPOT	—	—	Jul-69	—	
SURFACE WATER	INV. 9-SPOT	—	—	Feb-81	—	
	—	26	—	—	—	BEACON HILL MANNVILLE VOLUNTARY GAS UNIT
DINA	5-SPOT	12	—	Oct-70	—	BIG GULLY VOLUNTARY UNIT NO. 1
DINA	MOD. 9-SPOT	25	—	Apr-71	—	GOLDEN LAKE VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	64	—	Jan-92	—	GOLDEN LAKE SOUTH VOLUNTARY UNIT
DINA	INV. & MOD. 9-SPOT	2	—	Jul-71	—	GULLY LAKE WASECA VOLUNTARY UNIT NO. 1
DINA	5-SPOT	15	—	—	—	LASHBURN WASECA VOLUNTARY UNIT
DINA	IRREGULAR	3	11	Oct-02	1 098	LONE ROCK VOLUNTARY UNIT NO. 1
DINA	INV. 9-SPOT	25	17	Dec-85	5 291	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1
DINA	INV. 5-SPOT	23	12	Aug-89	2 815	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2
DINA	INV. 5-SPOT	8	6	Apr-90	634	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3
DINA	PART. INV. 9-SPOT	10	1	Mar-97	72	MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4
GLACIAL DRIFT	—	0	—	Oct-70	—	NORTH DULWICH SPARKY VOLUNTARY UNIT
DINA	5-SPOT	1	—	Oct-70	—	NORTHMINSTER SPARKY VOLUNTARY UNIT
DINA	5-SPOT	3	—	Sep-69	—	SOUTH ABERFELDY SPARKY VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	38	17	Aug-66	642	SOUTH EPPING UNIT NO. 1
DINA	INV. 9-SPOT	20	0	Mar-72	0	SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1
SURFACE WATER	INV. 9-SPOT	6	1	Aug-81	183	TANGLEFLAGS VOLUNTARY UNIT NO. 2
PRODUCED WATER	PART. INV. 9-SPOT	5	—	Apr-91	—	TANGLEFLAGS VOLUNTARY UNIT NO. 4
						AREA II
—	—	57	—	Dec-85	—	AVON HILL VIKING VOLUNTARY UNIT
—	—	—	—	—	—	BAYHURST VIKING VOLUNTARY GAS UNIT
—	—	2	—	—	—	BROCK VIKING SAND GAS UNIT
RIBSTONE CREEK	INV. 9-SPOT	11	5	Jun-88	730	CACTUS LAKE VOLUNTARY UNIT NO. 1
RIBSTONE CREEK	INV. 9-SPOT	88	41	Jun-88	4 523	CACTUS LAKE VOLUNTARY UNIT NO. 2
RIBSTONE CREEK	INV. 9-SPOT	6	6	Jul-00	752	CACTUS LAKE VOLUNTARY UNIT NO. 3
RIBSTONE CREEK	N/A	22	—	Apr-97	—	CACTUS LAKE NORTH MCLAREN VOLUNTARY UNIT NO. 1
—	—	40	—	—	—	COLEVILLE-SMILEY VIKING SAND GAS UNIT
BELLY RIVER	PERIPHERAL	75	26	Jan-88	2 679	COLEVILLE SOUTH BAKKEN SAND VOLUNTARY UNIT
RIBSTONE CREEK	INV. 9-SPOT	26	17	Jun-88	4 694	COURT BAKKEN SAND VOLUNTARY UNIT NO. 1
—	—	14	—	—	—	DODSLAND VIKING GAS VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	305	52	Jan-67	373	EAGLE LAKE VIKING VOLUNTARY UNIT
DEADWOOD	5-SPOT	231	—	Oct-85	—	EAST DODSLAND VIKING VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	171	50	Oct-66	396	GLENEATH UNIT
BELLY RIVER	INV. 9-SPOT	6	—	Jul-85	—	GLENEATH SOUTH VIKING VOLUNTARY UNIT
PRODUCED WATER	PERIPHERAL	8	2	Jan-75	447	HOOSIER BAKKEN SAND VOL. UNIT NO. 1
—	—	27	—	—	—	HOOSIER VIKING SAND GAS UNIT
—	—	52	—	—	—	KIYIU LAKE VIKING VOLUNTARY UNIT
DUPEROW	INV. 9-SPOT	32	11	Mar-86	4	KIYIU LAKE VIKING VOLUNTARY UNIT NO. 2
—	—	4	—	—	—	LUCKY HILLS VIKING SAND VOLUNTARY GAS UNIT
BELLY RIVER	PERIPHERAL	12	3	Jan-97	513	MANTARIO EAST BASAL MANNVILLE VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	59	13	Feb-96	4 298	MANTARIO NORTH BASAL MANNVILLE VOL. UNIT NO. 1
DEADWOOD	INV. 9-SPOT	101	29	Dec-85	266	NORTH DODSLAND VIKING VOLUNTARY UNIT
—	—	19	—	—	—	NORTH DODSLAND VIKING VOLUNTARY UNIT NO. 2
BELLY RIVER	INV. 9-SPOT	62	9	Mar-63	153	NORTH EUREKA UNIT
RIBSTONE CREEK	LINE DRIVE	13	4	Aug-70	1 114	NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT
LEA PARK	PERIPHERAL	17	8	Dec-66	1 039	NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	EFFECTIVE DATE OF UNIT	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	11/1/1998	—	WATERFLOOD
PLATO VIKING VOLUNTARY UNIT NO. 1	RAMBO RESOURCES	VIKING	4/1/1973	—	WATERFLOOD
PLOVER LAKE VOLUNTARY UNIT NO. 1	MURPHY OIL	MCLAREN	7/1/1993	—	—
SMILEY BAKKEN VOLUNTARY UNIT NO. 1	LINRAY ENERGY	BAKKEN	10/1/2001	—	WATERFLOOD
SMILEY-DEWAR VIKING VOLUNTARY UNIT NO. 1	VIKING HOLDINGS	VIKING	9/1/1993	—	—
SOUTH EUREKA UNIT	ISH ENERGY	VIKING	4/1/1965	9/1/1971	WATERFLOOD
SUPERB BAKKEN VOLUNTARY GAS UNIT NO. 1	NEXEN CANADA	BAKKEN	4/1/1989	—	—
SUPERB NORTH VOLUNTARY UNIT NO. 1	NEXEN CANADA	BAKKEN	6/1/1997	—	—
TOTNES VIKING GAS VOLUNTARY UNIT NO. 1	PROFICO ENERGY	VIKING	1/1/1971	—	—
VERENDRYE VIKING VOLUNTARY GAS UNIT	ISH ENERGY	VIKING	9/1/1990	—	—
WEST BAYHURST VIKING GAS VOLUNTARY UNIT	PROFICO ENERGY	VIKING	2/1/1972	—	—
WHITESIDE VIKING VOLUNTARY UNIT	VIKING HOLDINGS	VIKING	9/1/1985	—	WATERFLOOD (SUSPENDED)
WHITESIDE VICTORIA VOLUNTARY GAS UNIT	HUSKY	VICTORIA	1/1/1968	—	—
AREA III					
ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT	PRIMEWEST	UPPER SHAUNAVON	3/1/1975	—	WATERFLOOD
BATTRUM NORTH VOLUNTARY UNIT NO. 1	COGL RESOURCES	ROSERAY	7/1/1993	12/1/1994	WATERFLOOD
BATTRUM UNIT NO. 1	EXXONMOBIL	ROSERAY	10/1/1964	6/1/1969	WATERFLOOD IN-SITU WET COMBUSTION
BATTRUM VOLUNTARY UNIT NO. 2	EXXONMOBIL	ROSERAY	7/1/1997	—	IN-SITU WET COMBUSTION
BATTRUM VOLUNTARY UNIT NO. 3	EXXONMOBIL	ROSERAY	6/1/1988	—	WATERFLOOD IN-SITU WET COMBUSTION
BATTRUM UNIT NO. 4	COGL RESOURCES	ROSERAY	6/1/1966	—	WATERFLOOD
BATTRUM VOLUNTARY UNIT NO. 5	COGL RESOURCES	ROSERAY	3/1/1990	—	WATERFLOOD
BENCH VOLUNTARY UNIT NO. 1	HUSKY	UPPER SHAUNAVON	8/1/1990	—	WATERFLOOD
BEVERLEY UNIT NO. 1	HUSKY	UPPER & LOWER ROSERAY	5/1/1966	—	WATERFLOOD
BEVERLEY VOLUNTARY UNIT NO. 2	HUSKY	ROSERAY	6/1/1988	—	WATERFLOOD
BEVERLEY CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	6/1/1988	—	WATERFLOOD
BEVERLEY CANTUAR VOLUNTARY UNIT NO. 3	GALIANO RES.	CANTUAR	7/1/1999	—	WATERFLOOD
BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1	HUSKY	CANTUAR	6/1/1988	—	WATERFLOOD
BONE CREEK UNIT	HUSKY	UPPER SHAUNAVON	7/1/1960	—	WATERFLOOD/POLYMER
BUTTE VOLUNTARY UNIT	HUSKY	UPPER SHAUNAVON	1/1/1971	2/1/1972	WATERFLOOD
BUTTE WEST VOLUNTARY UNIT NO. 1	PENN WEST	UPPER SHAUNAVON	5/1/1992	7/1/1994	WATERFLOOD
BUTTE WEST VOLUNTARY UNIT NO. 2	PENN WEST	UPPER SHAUNAVON	6/1/1993	9/1/1995	WATERFLOOD
CANTUAR UNIT	HUSKY	CANTUAR & LOWER ROSERAY	10/1/1959	—	WATERFLOOD
COVINGTON UNIT NO. 1	SHAWNEE	UPPER SHAUNAVON	7/1/1969	—	WATERFLOOD
DELTA UNIT NO. 1	HUSKY	UPPER SHAUNAVON	4/1/1966	6/1/1969	WATERFLOOD
DELTA UNIT NO. 2	HUSKY	UPPER SHAUNAVON	8/1/1969	—	WATERFLOOD
DELTA VOLUNTARY UNIT NO. 3	HUSKY	UPPER SHAUNAVON	12/1/1986	—	WATERFLOOD
DOLLARD UNIT	TALISMAN	UPPER SHAUNAVON	9/1/1955	7/1/1972	WATERFLOOD
EAST BEVERLEY (JAVA) CANTUAR VOLUNTARY UNIT	PRIMEWEST	CANTUAR	9/1/1990	—	—
EAST BEVERLEY VOLUNTARY GAS UNIT NO. 1	HUSKY	CANTUAR	8/1/1978	—	—
EAST CANTUAR GAS UNIT	HUSKY	CANTUAR & ROSERAY	3/1/1975	—	GAS STORAGE
EAST CANTUAR UNIT NO. 1	HUSKY	CANTUAR & ROSERAY	3/1/1975	—	WATERFLOOD (CANTUAR & ROSERAY)
EAST CANTUAR UNIT NO. 2	HUSKY	ROSERAY & CANTUAR	3/1/1975	—	WATERFLOOD (ROSERAY)
EAST DOLLARD VOLUNTARY UNIT	SILVER BAY	UPPER SHAUNAVON	10/1/1970	—	WATERFLOOD
FOSTERTON MAIN UNIT	HUSKY	ROSERAY	7/1/1958	—	WATERFLOOD

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS DEC-02 PROD.	INJ.	DATE OF FIRST INJECTION	INJECTION RATE, M3/D DEC-02	UNIT NAME
BELLY RIVER	IRREGULAR	31	4	Nov-98	1 202	NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	38	1	Jan-73	6	PLATO VIKING VOLUNTARY UNIT NO. 1
—	—	12	—	—	—	PLOVER LAKE VOLUNTARY UNIT NO. 1
PRODUCED WATER	PERIPHERAL	11	4	Jan-02	90	SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1
—	—	51	—	—	—	SMILEY-DEWAR VIKING VOLUNTARY UNIT NO. 1
LEA PARK & BELLY RIVER	INV. 9-SPOT	77	13	Sep-73	111	SOUTH EUREKA UNIT
—	—	1	—	—	—	SUPERB BAKKEN VOLUNTARY GAS UNIT NO. 1
—	—	0	—	—	—	SUPERB NORTH VOLUNTARY UNIT NO. 1
—	—	2	—	—	—	TOTNES VIKING GAS VOLUNTARY UNIT NO. 1
—	—	1	—	—	—	VERENDRYE VIKING VOLUNTARY GAS UNIT
—	—	1	—	—	—	WEST BAYHURST VIKING GAS VOLUNTARY UNIT
DUPEROW	INV. 9-SPOT	33	—	May-65	—	WHITESIDE VIKING VOLUNTARY UNIT
—	—	2	—	—	—	WHITESIDE VICTORIA VOLUNTARY GAS UNIT
						AREA III
ROSERAY	—	9	2	Oct-76	119	ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	12	1	Aug-93	451	BATTRUM NORTH VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL	77	22	Mar-62	7 992	BATTRUM UNIT NO. 1
—	—		0	Oct-66		
—	—	22	3	Nov-65	1 660	BATTRUM VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	30	6	Dec-66	1 372	BATTRUM UNIT NO. 3
—	—		0	Aug-67		
MANNVILLE	INV. 9-SPOT	11	8	Aug-66	1 978	BATTRUM UNIT NO. 4
MANNVILLE	—	2	1	May-90	44	BATTRUM VOLUNTARY UNIT NO. 5
MADISON	PERIPHERAL	5	2	Sep-90	56	BENCH VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	13	6	Jan-66	2 120	BEVERLEY UNIT NO. 1
MANNVILLE	PERIPHERAL	12	3	Jun-88	1 435	BEVERLEY VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	26	15	Jun-88	227	BEVERLEY CANTUAR VOLUNTARY UNIT NO. 1
ROSERAY	PERIPHERAL	7	1	Sep-99	5	BEVERLEY CANTUAR VOLUNTARY UNIT NO. 3
MANNVILLE	INV. 9-SPOT	27	11	Jun-88	273	BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL & INV. 9-SPOT	23	14	May-60	1 160	BONE CREEK UNIT
ROSERAY	INV. 9-SPOT	34	7	Nov-70	511	BUTTE VOLUNTARY UNIT
MADISON	INV. 9-SPOT	16	2	Jun-92	281	BUTTE WEST VOLUNTARY UNIT NO. 1
MADISON	INV. 9-SPOT	7	1	Aug-93	167	BUTTE WEST VOLUNTARY UNIT NO. 2
BELLY RIVER	PERIPHERAL	134	34	Aug-60	23 106	CANTUAR UNIT
ROSERAY SAND	—	2	1	Nov-68	72	COVINGTON UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	14	10	Dec-65	1 319	DELTA UNIT NO. 1
BELLY RIVER	INV. 9-SPOT	6	4	Oct-69	199	DELTA UNIT NO. 2
BELLY RIVER	PERIPHERAL	4	1	Jul-87	40	DELTA VOLUNTARY UNIT NO. 3
VIKING, BELLY RIVER & MANNVILLE	SEMI-PERIPHERAL	54	19	Mar-56	6 779	DOLLARD UNIT
—	—	13	—	—	—	EAST BEVERLEY (JAVA) CANTUAR VOLUNTARY UNIT
—	—	1	—	—	—	EAST BEVERLEY VOLUNTARY GAS UNIT NO. 1
—	—	—	—	—	—	EAST CANTUAR GAS UNIT
MANNVILLE	—	19	6	Mar-69	863	EAST CANTUAR UNIT NO. 1
MANNVILLE	—	14	4	Jan-76	628	EAST CANTUAR UNIT NO. 2
BELLY RIVER	PERIPHERAL	8	3	Oct-70	435	EAST DOLLARD VOLUNTARY UNIT
MANNVILLE	LINE DRIVE	32	17	Jun-56	13 139	FOSTERTON MAIN UNIT

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	EFFECTIVE DATE OF UNIT	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
FOSTERTON N.W. UNIT	FIND ENERGY	ROSERAY	7/1/1958	9/1/1970	WATERFLOOD IN-SITU WET COMB. (SUSP.)
GARDEN HEAD VOLUNTARY UNIT NO. 1	PENN WEST	UPPER SHAUNAVON	6/1/1994	—	WATERFLOOD
GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1	PENN WEST	CANTUAR	5/1/1972	—	WATERFLOOD
GULL LAKE NORTH SHAUNAVON POOL UNIT	HUSKY	UPPER SHAUNAVON	10/1/1958	—	WATERFLOOD
GULL LAKE SOUTH VOLUNTARY UNIT NO. 1	ATHENA RES.	UPPER SHAUNAVON	7/1/1986	—	WATERFLOOD (SUSPENDED)
GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1	PENN WEST	UPPER SHAUNAVON	5/1/1972	—	WATERFLOOD (SUSPENDED)
HAZLET UNIT	FIND ENERGY	ROSERAY	8/1/1966	—	WATERFLOOD
ILLERBRUN VOLUNTARY UNIT	PENN WEST	UPPER SHAUNAVON	11/1/1966	5/1/1967	WATERFLOOD
INSTOW UNIT	TALISMAN	UPPER SHAUNAVON	10/1/1959	—	WATERFLOOD
INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT	PROVIDENT	UPPER SHAUNAVON	5/1/1985	—	WATERFLOOD
JOHNSTON UNIT	HUSKY	BASAL CANTUAR UPPER SHAUNAVON	1/1/1963	—	WATERFLOOD (BASAL CANTUAR)
LEITCHVILLE SHAUNAVON VOLUNTARY UNIT	ACCLAIM ENERGY	SHAUNAVON	1/1/1968	4/1/1996	WATERFLOOD
NORTH PREMIER UNIT NO. 1	PRIMEWEST	ROSERAY & UPPER SHAUNAVON	10/1/1964	—	WATERFLOOD (ROSERAY)
NORTH PREMIER UNIT NO. 2	HUSKY	PREMIER SAND	7/1/1966	—	WATERFLOOD
NORTH PREMIER VOLUNTARY UNIT NO. 4	HUSKY	ROSERAY & UPPER SHAUNAVON	9/1/1980	—	WATERFLOOD
NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT	ACCLAIM ENERGY	UPPER SHAUNAVON	11/1/1972	—	WATERFLOOD
NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT	PURCELL ENERGY	UPPER SHAUNAVON	2/1/1968	5/1/1968	WATERFLOOD
PENNANT UPPER SHAUNAVON VOLUNTARY UNIT	PENN WEST	UPPER SHAUNAVON	6/1/1988	—	WATERFLOOD
RAPDAN UNIT	TALISMAN	UPPER SHAUNAVON	11/1/1962	7/1/1965	WATERFLOOD (POLYMER)
RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2	CANYON CREEK	UPPER SHAUNAVON	4/1/1974	—	WATERFLOOD (SUSPENDED)
SOUTHWEST SUCCESS VOLUNTARY UNIT	PENN WEST	ROSERAY & CANTUAR	4/1/1983	—	—
SUCCESS UNIT	HUSKY	ROSERAY & FOSTERTON	12/1/1957	—	WATERFLOOD
SUCCESS ALPHA UNIT	HUSKY	ROSERAY	7/1/1960	—	WATERFLOOD
SUCCESS MAIN UNIT	HUSKY	CANTUAR, ROSERAY & FOSTERTON	9/1/1962	—	WATERFLOOD (ROSERAY)
SUCCESS NORTH ROSERAY VOLUNTARY UNIT	SENECA ENERGY	ROSERAY	4/1/1984	—	WATERFLOOD
SUFFIELD UNIT NO. 1	HUSKY	ROSERAY	7/1/1966	4/1/1972	WATERFLOOD
SUFFIELD UNIT NO. 2	HUSKY	UPPER SHAUNAVON	9/1/1970	—	WATERFLOOD
SUFFIELD UNIT NO. 3	HUSKY	ROSERAY & UPPER SHAUNAVON	6/1/1971	4/1/1972	WATERFLOOD
VERLO ROSERAY SAND UNIT	HUSKY	ROSERAY	9/1/1970	10/1/1972	WATERFLOOD
WEST FOSTERTON VOLUNTARY UNIT	PENN WEST	ROSERAY	3/1/1967	—	WATERFLOOD
AREA IV					
ALAMEDA CENTRAL UNIT	APF ENERGY	MIDALE	12/1/1962	6/1/1969	WATERFLOOD
ALAMEDA EAST UNIT	CAN. NATURAL	MIDALE	8/1/1962	9/1/1965	WATERFLOOD
ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	1/1/1991	—	WATERFLOOD
ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 2	ATHENA RES.	MIDALE	9/1/2001	—	WATERFLOOD
ALAMEDA WEST MIDALE VOLUNTARY UNIT NO. 1	ATHENA RES.	MIDALE	12/1/1984	—	WATERFLOOD
ALIDA UNIT	NAL RESOURCES	ALIDA	12/1/1957	—	—
BENDER TILSTON VOLUNTARY UNIT NO. 1	HARVEST	TILSTON	8/1/1993	—	—
BENSON UNIT	TALISMAN	MIDALE	2/1/1965	9/1/1967	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1	NORTHROCK	MIDALE	11/1/1967	5/1/1968	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2	NORTHROCK	MIDALE	12/1/1989	—	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3	ARC (SASK)	MIDALE	10/1/1993	—	WATERFLOOD
BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4	UPTON RES.	MIDALE	9/1/1994	—	WATERFLOOD

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS DEC-02 PROD.	ACTIVE WELLS DEC-02 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, M3/D DEC-02	UNIT NAME
BELLY RIVER	—	6	3	Mar-57	464	FOSTERTON N.W. UNIT
—	—	—	—	Mar-70	—	
MADISON	INV. 5-SPOT	13	6	Jun-94	719	GARDEN HEAD VOLUNTARY UNIT NO. 1
BELLY RIVER	PERIPHERAL & MOD. 9-SPOT	2	0	Jun-70	0	GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1
BELLY RIVER	—	25	5	Aug-56	1 094	GULL LAKE NORTH SHAUNAVON POOL UNIT
ROSERAY SAND	—	7	0	Jun-88	0	GULL LAKE SOUTH VOLUNTARY UNIT NO. 1
BELLY RIVER	—	1	0	May-72	0	GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	3	Jul-70	1 468	HAZLET UNIT
BELLY RIVER	—	6	2	Apr-66	790	ILLERBRUN VOLUNTARY UNIT
BELLY RIVER & RAVENSCRAG	PERIPHERAL	66	21	Dec-57	7 206	INSTOW UNIT
BELLY RIVER	—	15	4	Dec-85	414	INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT
SURFACE WATER	—	0	—	Mar-63	—	JOHNSTON UNIT
BELLY RIVER	—	20	7	Jul-64	133	LEITCHVILLE SHAUNAVON VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	7	3	Jul-64	1 148	NORTH PREMIER UNIT NO. 1
MANNVILLE	—	0	—	Jun-67	—	NORTH PREMIER UNIT NO. 2
MANNVILLE	PERIPHERAL	26	14	Feb-65	3 209	NORTH PREMIER VOLUNTARY UNIT NO. 4
MANNVILLE	—	7	1	Feb-73	15	NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	—	11	1	Jul-68	5	NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	INV. 9-SPOT	3	1	Jun-88	60	PENNANT UPPER SHAUNAVON VOLUNTARY UNIT
BELLY RIVER	PERIPHERAL	43	26	Nov-62	1 445	RAPDAN UNIT
BELLY RIVER	PARTIAL 5-SPOT	7	1	Apr-74	56	RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	10	2	Oct-80	1 048	SOUTHWEST SUCCESS VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	20	11	Aug-58	5 603	SUCCESS UNIT
MANNVILLE	—	3	2	Sep-60	498	SUCCESS ALPHA UNIT
MANNVILLE	PERIPHERAL	14	6	Sep-56	2 414	SUCCESS MAIN UNIT
MANNVILLE	PERIPHERAL	13	3	Jun-82	874	SUCCESS NORTH ROSERAY VOLUNTARY UNIT
BELLY RIVER	PERIPHERAL	7	2	May-66	1 415	SUFFIELD UNIT NO. 1
BELLY RIVER	—	21	4	Jul-70	1 047	SUFFIELD UNIT NO. 2
BELLY RIVER	PERIPHERAL	14	8	Jun-70	1 911	SUFFIELD UNIT NO. 3
MANNVILLE	PERIPHERAL	19	10	Jun-65	7 991	VERLO ROSERAY SAND UNIT
BELLY RIVER & MANNVILLE	PERIPHERAL	4	3	Apr-67	610	WEST FOSTERTON VOLUNTARY UNIT
						AREA IV
MANNVILLE	INV. 9-SPOT	12	3	Mar-60	94	ALAMEDA CENTRAL UNIT
MANNVILLE	INV. 9-SPOT	41	15	Dec-62	632	ALAMEDA EAST UNIT
PRODUCED WATER	INV. 9-SPOT	9	2	Mar-91	14	ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 5-SPOT & 9-SPOT	9	2	Sep-04	84	ALAMEDA MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	5	2	Dec-84	21	ALAMEDA WEST MIDALE VOLUNTARY UNIT NO. 1
—	—	58	—	—	—	ALIDA UNIT
—	—	1	—	—	—	BENDER TILSTON VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	47	12	Nov-64	404	BENSON UNIT
MANNVILLE	INV. 9-SPOT	24	9	Nov-67	340	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	8	1	Dec-89	21	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2
PRODUCED WATER	INV. 9-SPOT	8	1	Nov-93	43	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3
MANNVILLE	—	4	1	Oct-94	26	BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	EFFECTIVE DATE OF UNIT	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
CANTAL FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	1/1/1972	—	—
CARNDUFF SOUTH MIDALE VOLUNTARY UNIT NO. 1	HUSKY	MIDALE	1/1/1985	—	WATERFLOOD
CARNDUFF VOLUNTARY UNIT NO. 1	CAN. NATURAL	MIDALE	12/1/1970	—	WATERFLOOD
CARNDUFF MIDALE VOLUNTARY UNIT NO. 2	ZARGON	MIDALE	10/1/1990	—	WATERFLOOD
CARNDUFF MIDALE VOLUNTARY UNIT NO. 3	ZARGON	MIDALE	2/1/1993	—	WATERFLOOD (SUSPENDED)
CULLEN UNIT	HUMMINGBIRD	MIDALE	10/1/1965	5/1/1966	—
DOUGLASTON-FROBISHER BEDS UNIT	TALISMAN	FROBISHER	6/1/1964	—	—
DOUGLASTON-MIDALE BEDS UNIT	TALISMAN	MIDALE	6/1/1964	10/1/1967	WATERFLOOD
EAST CARNDUFF UNIT	HUSKY	MIDALE	5/1/1962	11/1/1965	WATERFLOOD
ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1	ARC (SASK)	FROBISHER	12/1/1969	—	WATERFLOOD
ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	6/1/1990	—	WATERFLOOD
ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 2	NAL RESOURCES	MIDALE	9/1/1991	12/1/2000	WATERFLOOD
FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1	PENN WEST	RATCLIFFE	8/1/1968	9/1/1969	WATERFLOOD
FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2	POSTELL	RATCLIFFE	11/1/1989	—	WATERFLOOD
FLETWODE ALIDA VOLUNTARY UNIT	TALISMAN	ALIDA	10/1/1968	5/1/1993	—
FREDA LAKE RATCLIFFE VOLUNTARY UNIT NO. 1	ENERMARK	RATCLIFFE	6/1/1988	7/1/1990	WATERFLOOD
GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT	TUNDRA	FROBISHER-ALIDA	11/1/1972	—	WATERFLOOD (FROBISHER)
GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1	ATHENA RES.	FROBISHER	6/1/1990	—	WATERFLOOD
GLEN EWEN UNIT	ARC (SASK)	MIDALE	4/1/1963	—	WATERFLOOD
HASTINGS FROBISHER UNIT	NEXEN CANADA	FROBISHER	7/1/1971	—	WATERFLOOD
HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER	1/1/1970	—	WATERFLOOD
HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 2	DUCE OIL	FROBISHER	10/1/1970	—	WATERFLOOD (SUSPENDED)
HUMMINGBIRD BAKKEN VOLUNTARY UNIT NO. 1	NORTHROCK	BAKKEN	6/1/1988	—	WATERFLOOD
HUMMINGBIRD BIRDBEAR VOLUNTARY UNIT NO. 1	NORTHROCK	BIRDBEAR	12/1/1968	—	—
HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1	NORTHROCK	RATCLIFFE	12/1/1968	—	WATERFLOOD
HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1	NAL RESOURCES	MIDALE	2/1/1974	—	WATERFLOOD
HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2	DUCE OIL	MIDALE	12/1/1987	—	WATERFLOOD
HUNTOON NORTH FROBISHER BEDS VOL. UNIT NO. 1	ACCLAIM ENERGY	FROBISHER	7/1/1996	—	—
INGOLDSBY MISSION CANYON VOLUNTARY UNIT	NEXEN CANADA	ALIDA	9/1/1966	9/1/2001	—
INGOLDSBY NORTH VOLUNTARY UNIT NO. 1	NEXEN CANADA	ALIDA	9/1/1995	—	—
INGOLDSBY WEST VOLUNTARY UNIT NO. 1	PROVIDENT	FROBISHER-ALIDA	7/1/1994	—	—
KENOSEE TILSTON BEDS VOLUNTARY UNIT	PEMCO LTD	TILSTON	9/1/1969	6/1/1995	—
KISBEY FROBISHER-ALIDA VOLUNTARY UNIT NO. 1	NORTHROCK	FROBISHER-ALIDA	6/1/1994	—	—
KISBEY UPPER HASTINGS VOLUNTARY UNIT NO. 1	PROGRESS ENERGY	UPPER HASTINGS	4/1/1974	—	—
LAKE ALMA VOLUNTARY UNIT	PENN WEST	RATCLIFFE	4/1/1969	—	WATERFLOOD
LAMPMAN UNIT	CAN. NATURAL	MIDALE	3/1/1964	10/1/1967	WATERFLOOD
LOST HORSE HILL FROBISHER-ALIDA BEDS VOL. UNIT NO. 1	CAN. NATURAL	FROBISHER-ALIDA	1/1/1971	—	—
LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1	ARC (SASK)	MIDALE	3/1/1993	7/1/1996	WATERFLOOD
MACOUN MIDALE VOLUNTARY UNIT NO. 1	APF ENERGY	MIDALE	7/1/1994	—	WATERFLOOD
MANOR LOWER WATROUS-ALIDA VOLUNTARY UNIT NO. 1	CRESCENT POINT	L. WATROUS-ALIDA	5/1/1996	4/1/2000	WATERFLOOD
MIDALE UNIT	APACHE CANADA	MIDALE	8/1/1962	9/1/1967	WATERFLOOD & CO2
MIDALE EAST VOLUNTARY UNIT NO. 1	NAL RESOURCES	MIDALE	6/1/2001	—	WATERFLOOD
MIDALE RED RIVER VOLUNTARY UNIT NO. 1	ANADARKO	RED RIVER	10/1/1997	—	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 1	COMSTATE	MIDALE	7/1/1987	—	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 2	NAL RESOURCES	MIDALE	8/1/1989	—	WATERFLOOD
MIDALE SOUTH VOLUNTARY UNIT NO. 3	NAL RESOURCES	MIDALE	5/1/2001	—	WATERFLOOD
MOOSE MOUNTAIN TILSTON BEDS VOLUNTARY UNIT NO. 1	NAVIGO ENERGY	TILSTON	11/1/1995	—	—
NORTH ALAMEDA UNIT	APF ENERGY	MIDALE	5/1/1963	—	WATERFLOOD
NORTH CANTAL UNIT	NEXEN CANADA	ALIDA	1/1/1966	4/1/1969	—
NORTH CENTRAL WILLMAR VOLUNTARY UNIT	ARC (SASK)	FROBISHER-ALIDA	3/1/1976	—	WATERFLOOD
NORTH DALESBORO UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	12/1/1970	—	WATERFLOOD
NORTHGATE MIDALE VOLUNTARY UNIT	SILVER BAY	MIDALE	1/1/1984	5/1/1990	WATERFLOOD (SUSPENDED)
NORTH HANDSWORTH ALIDA VOLUNTARY UNIT NO. 1	APF ENERGY	ALIDA	11/1/1993	—	—
NORTHWEST BENSON MIDALE VOLUNTARY UNIT	ATHENA RES.	MIDALE	2/1/1985	—	WATERFLOOD (SUSPENDED)

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS DEC-02 PROD.	ACTIVE WELLS DEC-02 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, M3/D DEC-02	UNIT NAME
—	—	4	—	—	—	CANTAL FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	2	1	Aug-85	21	CARNDUFF SOUTH MIDALE VOLUNTARY UNIT
RAVENSCRAG	—	7	2	May-71	65	CARNDUFF VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	3	2	Oct-90	63	CARNDUFF MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	PERIPHERAL	2	0	Mar-93	0	CARNDUFF MIDALE BEDS VOLUNTARY UNIT NO. 3
—	—	6	—	—	—	CULLEN UNIT
—	—	1	—	—	—	DOUGLASTON-FROBISHER BEDS UNIT
MANNVILLE	LINE DRIVE	6	7	Jun-64	185	DOUGLASTON-MIDALE BEDS UNIT
MANNVILLE	INV. 9-SPOT	45	12	Jul-62	761	EAST CARNDUFF UNIT
MANNVILLE	INV. 9-SPOT	28	5	Nov-70	487	ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	4	1	Jul-90	13	ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	10	8	Sep-91	523	ELSWICK MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE & VIKING	INV. 9-SPOT	29	13	Oct-68	298	FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1
RAVENSCRAG	INV. 9-SPOT	4	1	Dec-89	10	FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2
—	—	5	—	—	—	FLETWODE ALIDA VOLUNTARY UNIT
VIKING	PERIPHERAL	55	9	Jun-88	672	FREDA LAKE RATCLIFFE VOLUNTARY UNIT NO. 1
PRODUCED WATER	—	9	1	Aug-73	152	GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	3	2	Oct-90	11	GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	20	1	Oct-63	136	GLEN EWEN UNIT
MANNVILLE	INV. 9-SPOT	9	2	Oct-67	264	HASTINGS FROBISHER UNIT
MANNVILLE	PERIPHERAL	18	6	Nov-66	420	HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT & PERIPHERAL	0	0	Nov-66	0	HASTINGS FROBISHER BEDS VOLUNTARY UNIT NO. 2
PRODUCED WATER	PERIPHERAL	2	2	Jun-96	43	HUMMINGBIRD BAKKEN VOLUNTARY UNIT NO. 1
—	—	3	—	—	—	HUMMINGBIRD BIRDBEAR VOLUNTARY UNIT NO. 1
MANNVILLE	—	13	6	Dec-67	766	HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1
PRODUCED WATER	—	11	2	Sep-74	193	HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	2	1	Dec-87	6	HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2
—	—	4	—	—	—	HUNTOON NORTH FROBISHER BEDS VOLUNTARY UNIT NO. 1
—	—	50	—	—	—	INGOLDSBY MISSION CANYON VOLUNTARY UNIT
—	—	1	—	—	—	INGOLDSBY NORTH VOLUNTARY UNIT NO. 1
—	—	0	—	—	—	INGOLDSBY WEST VOLUNTARY UNIT NO. 1
—	—	22	—	—	—	KENOSEE TILSTON BEDS VOLUNTARY UNIT
—	—	6	—	—	—	KISBEY FROBISHER-ALIDA VOLUNTARY UNIT NO. 1
—	—	5	—	—	—	KISBEY UPPER HASTINGS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	3	Jun-70	379	LAKE ALMA VOLUNTARY UNIT
MANNVILLE	INV. 9-SPOT	3	1	Apr-64	4	LAMPMAN UNIT
—	—	36	—	—	—	LOST HORSE HILL FROBISHER-ALIDA BEDS VOL. UNIT NO. 1
PRODUCED WATER	PERIPHERAL	44	13	Jun-97	2 795	LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	7	1	Jul-94	66	MACOUN MIDALE VOLUNTARY UNIT NO. 1
PRODUCED WATER	HZNTL. INJECTOR	4	2	May-96	259	MANOR LOWER WATROUS-ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	246	63	Jun-60	12 656	MIDALE UNIT
PRODUCED WATER	IRREGULAR	17	2	Jan-00	177	MIDALE EAST VOLUNTARY UNIT NO. 1
PRODUCED WATER	PERIPHERAL	7	2	Oct-97	438	MIDALE RED RIVER VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	6	1	Aug-87	21	MIDALE SOUTH VOLUNTARY UNIT NO. 1
MANNVILLE	IRREGULAR	7	7	Aug-89	173	MIDALE SOUTH VOLUNTARY UNIT NO. 2
MANNVILLE	IRREGULAR	5	4	Sep-04	95	MIDALE SOUTH VOLUNTARY UNIT NO. 3
—	—	4	—	—	—	MOOSE MOUNTAIN TILSTON BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	4	3	Dec-59	79	NORTH ALAMEDA UNIT
—	—	9	—	—	—	NORTH CANTAL UNIT
MANNVILLE	INV. 9-SPOT	7	1	Nov-78	215	NORTH CENTRAL WILLMAR VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	4	1	Feb-71	116	NORTH DALESBORO UNIT NO. 1
MANNVILLE	INV. 9-SPOT	13	0	Jul-84	0	NORTHGATE MIDALE VOLUNTARY UNIT
—	—	1	—	—	—	NORTH HANDSWORTH ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	5	—	Sep-85	—	NORTHWEST BENSON MIDALE VOLUNTARY UNIT

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

UNIT NAME	OPERATOR	PRODUCING ZONE	EFFECTIVE DATE OF UNIT	LATEST BOUNDARY REVISION	ENHANCED RECOVERY PROJECTS
NOTTINGHAM NORTH ALIDA BEDS UNIT	NAL RESOURCES	ALIDA	10/1/1960	—	—
OUNGRE VOLUNTARY UNIT NO. 1	ARC (SASK)	OUNGRE	1/1/1968	12/1/1969	WATERFLOOD
PARKMAN SOURIS VALLEY BEDS VOLUNTARY UNIT NO. 1	ARC (SASK)	SOURIS VALLEY	9/1/1997	—	—
PARKMAN SOUTH TILSTON-SOURIS VALLEY VOL. UNIT NO. 1	PEMOCO LTD.	TILSTON-SOURIS V.	7/1/1994	—	—
PINTO VOLUNTARY UNIT NO. 2	KENWOOD	MIDALE	11/1/1991	—	WATERFLOOD
QUEENSVILLE WILLMAR KISBEY SAND VOLUNTARY UNIT	JEDI	KISBEY SAND	7/1/1969	—	—
RALPH MIDALE BEDS VOLUNTARY UNIT	MIDALE	MIDALE	10/1/1987	11/1/2000	WATERFLOOD
RALPH WEST MIDALE BEDS VOLUNTARY UNIT NO. 1	MIDALE	MIDALE	5/1/1992	—	WATERFLOOD
ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1	REAL RESOURCES	BAKKEN	11/1/1988	—	WATERFLOOD
ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2	PROGRESS ENERGY	BAKKEN	11/1/1997	—	WATERFLOOD
ROSEBANK FROBISHER-ALIDA BEDS VOL. UNIT NO. 1	NEXEN CANADA	FROBISHER-ALIDA	7/1/1971	7/1/2001	—
ROSEBANK SOUTH ALIDA VOLUNTARY UNIT NO. 1	PETROFUND CORP.	ALIDA	9/1/1992	—	—
SOUTH ALAMEDA UNIT	PROGRESS ENERGY	MIDALE	10/1/1965	—	WATERFLOOD
SOUTH MACOUN WINNIPEGOSIS VOLUNTARY UNIT NO. 1	NAVIGO ENERGY	WINNIPEGOSIS	11/1/1992	—	WATERFLOOD
SOUTH PINTO UNIT	BONTERRA	MIDALE	2/1/1965	10/1/1966	WATERFLOOD (SUSPENDED)
STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER	10/1/1970	—	—
STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 2	GRAND BOW	FROBISHER	9/1/1991	—	—
STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1	CAN. NATURAL	MIDALE	5/1/1983	—	WATERFLOOD
STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2	CAN. NATURAL	MIDALE	10/1/1985	—	WATERFLOOD (SUSPENDED)
STEELMAN UNIT NO. IA	CAN. NATURAL	MIDALE	7/1/1961	4/1/1969	WATERFLOOD
STEELMAN UNIT NO. II	NAL RESOURCES	MIDALE	7/1/1961	—	WATERFLOOD
STEELMAN UNIT NO. III	NAL RESOURCES	MIDALE	7/1/1961	—	WATERFLOOD
STEELMAN UNIT NO. IV	CAN. NATURAL	MIDALE	7/1/1961	4/1/1969	WATERFLOOD
STEELMAN UNIT NO. V	CAN. NATURAL	MIDALE	7/1/1961	7/1/1965	WATERFLOOD
STEELMAN UNIT NO. VI	CAN. NATURAL	MIDALE	7/1/1961	9/1/1968	WATERFLOOD
STEELMAN UNIT NO. VII	PROGRESS ENERGY	MIDALE	5/1/1962	—	WATERFLOOD
STEELMAN VOLUNTARY UNIT NO. 8	ZARGON	MIDALE & FROBISHER	10/1/1993	—	WATERFLOOD
STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1	ANADARKO	WINNIPEGOSIS	3/1/1996	—	WATERFLOOD
STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1	ARC (SASK)	ALIDA	11/1/1997	—	WATERFLOOD
TABLELAND VOLUNTARY UNIT NO. 1	DEVON AXL	WINNIPEGOSIS	5/1/1988	—	WATERFLOOD
TATAGWA NORTH MIDALE VOLUNTARY UNIT NO. 1	CRESCENT POINT	MIDALE	11/1/2002	—	WATERFLOOD
VIEWFIELD FROBISHER VOLUNTARY UNIT NO. 2	SWERTZ EXPL.	FROBISHER	2/1/1994	—	—
VIEWFIELD VOLUNTARY UNIT NO. 1	COMSTATE	FROBISHER	5/1/1974	—	WATERFLOOD (SUSPENDED)
WEST CARNDUFF UNIT	HUSKY	MIDALE	1/1/1961	5/1/1962	WATERFLOOD
WEYBURN UNIT	ENCANA	MIDALE	7/1/1963	3/1/1971	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 2	NAVIGO ENERGY	MIDALE	9/1/1987	—	WATERFLOOD (SUSPENDED)
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 3	MIDALE	MIDALE	1/1/1988	—	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 4	MIDALE	MIDALE	6/1/1988	—	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 5	NAL RESOURCES	MIDALE	1/1/1988	—	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 6	ARC (SASK)	MIDALE	6/1/1988	—	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 7	MIDALE	MIDALE	6/1/1988	—	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 8	ARC (SASK)	MIDALE	6/1/1989	—	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 9	ZARGON	MIDALE	6/1/1990	—	WATERFLOOD
WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 10	ENERMARK INC.	MIDALE	11/1/1996	—	WATERFLOOD
WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1	CAN. NATURAL	FROBISHER-ALIDA	1/1/1968	5/1/1988	WATERFLOOD
WILLMAR NORTH FROB-ALIDA BEDS VOLUNTARY UNIT NO. 1	OILTEC	FROBISHER-ALIDA	12/1/1993	—	WATERFLOOD
WORKMAN-FROBISHER VOLUNTARY UNIT NO. 1	HAWK ENERGY	FROBISHER	4/1/1967	—	WATERFLOOD
WORKMAN FROBISHER VOLUNTARY UNIT NO. 2	POSTELL	FROBISHER	11/1/1990	5/1/2000	—
WORKMAN-MIDALE VOLUNTARY UNIT NO. 1	POSTELL	MIDALE	4/1/1968	—	WATERFLOOD
WORKMAN-MIDALE VOLUNTARY UNIT NO. 2	POSTELL	MIDALE	9/1/1968	—	WATERFLOOD
WORKMAN VOLUNTARY UNIT NO. 3	APF ENERGY	FROBISHER	9/1/1996	1/1/2000	WATERFLOOD
WORKMAN VOLUNTARY UNIT NO. 4	POSTELL	MIDALE & FROBISHER	5/1/2001	—	WATERFLOOD

OIL AND GAS UNITS - ENHANCED RECOVERY PROJECTS

WATER SOURCE	INJECTION PATTERN	ACTIVE WELLS DEC-02 PROD.	ACTIVE WELLS DEC-02 INJ.	DATE OF FIRST INJECTION	INJECTION RATE, M3/D DEC-02	UNIT NAME
—	—	47	—	—	—	NOTTINGHAM NORTH ALIDA BEDS UNIT
MANNVILLE	INV. 9-SPOT	54	12	Dec-66	338	OUNGRE VOLUNTARY UNIT NO. 1
—	—	32	—	—	—	PARKMAN SOURIS VALLEY BEDS VOLUNTARY UNIT NO. 1
—	—	5	—	—	—	PARKMAN SOUTH TILSTON-SOURIS VALLEY VOL. UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	36	1	Dec-91	30	PINTO VOLUNTARY UNIT NO. 2
—	—	2	—	—	—	QUEENSVILLE WILLMAR KISBEY SAND VOLUNTARY UNIT
MANNVILLE	PERIPHERAL	12	3	Oct-87	63	RALPH MIDALE BEDS VOLUNTARY UNIT
PRODUCED WATER	INV. 9-SPOT	7	2	Aug-92	26	RALPH WEST MIDALE BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	8	2	Jun-88	53	ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1
SOURIS VALLEY	PERIPHERAL	16	6	Jul-97	112	ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2
—	—	48	—	—	—	ROSEBANK FROBISHER-ALIDA BEDS VOLUNTARY UNIT NO. 1
—	—	5	—	—	—	ROSEBANK SOUTH ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	12	3	Feb-63	37	SOUTH ALAMEDA UNIT
MANNVILLE	PERIPHERAL	5	1	Nov-92	359	SOUTH MACOUN WINNIPEGOSIS VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	15	0	Feb-65	0	SOUTH PINTO UNIT
—	—	2	—	—	—	STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 1
—	—	1	—	—	—	STEELMAN FROBISHER BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	10	2	Sep-83	62	STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	10	0	Dec-86	0	STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	78	30	Sep-58	1 290	STEELMAN UNIT NO. IA
MANNVILLE	INV. 9-SPOT	70	14	Feb-62	2 770	STEELMAN UNIT NO. II
MANNVILLE	INV. 9-SPOT	51	16	Jan-62	1 202	STEELMAN UNIT NO. III
MANNVILLE	INV. 9-SPOT	77	29	Feb-62	952	STEELMAN UNIT NO. IV
MANNVILLE	INV. 9-SPOT	24	9	Feb-62	197	STEELMAN UNIT NO. V
MANNVILLE	INV. 9-SPOT	78	37	Feb-62	2 235	STEELMAN UNIT NO. VI
MANNVILLE	INV. 9-SPOT	10	2	Oct-62	24	STEELMAN UNIT NO. VII
MANNVILLE	INV. 9-SPOT	7	2	Dec-93	140	STEELMAN VOLUNTARY UNIT NO. 8
MANNVILLE	PERIPHERAL	8	2	Apr-96	399	STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1
PRODUCED WATER	LINE DRIVE	7	6	Dec-97	115	STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1
RAVENSCRAG	PERIPHERAL	3	1	Jun-86	59	TABLELAND VOLUNTARY UNIT NO. 1
PRODUCED WATER	IRREGULAR	41	—	Jan-03	—	TATAGWA NORTH MIDALE VOLUNTARY UNIT NO. 1
—	—	3	—	—	—	VIEWFIELD FROBISHER VOLUNTARY UNIT NO. 2
PRODUCED WATER	PERIPHERAL	4	—	Nov-86	—	VIEWFIELD VOLUNTARY UNIT NO.1
MANNVILLE	INV. 9-SPOT	29	10	May-61	565	WEST CARNDUFF UNIT
MANNVILLE	INV. 9-SPOT	512	160	Apr-64	24 965	WEYBURN UNIT
PRODUCED WATER	INV. 9-SPOT	4	0	Mar-88	0	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 5-SPOT	2	1	May-88	27	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 3
MANNVILLE	INV. 9-SPOT	4	3	Jun-88	105	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 4
MANNVILLE	INV. 9-SPOT	11	6	Jun-88	140	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 5
MANNVILLE	INV. 9-SPOT	5	1	Jun-88	42	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 6
MANNVILLE	INV. 9-SPOT	6	4	Jun-88	75	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 7
MANNVILLE	INV. 9-SPOT	2	1	Jun-89	58	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 8
PRODUCED WATER	PERIPHERAL	3	1	Aug-90	43	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 9
MANNVILLE	PERIPHERAL	7	1	Dec-96	355	WEYBURN MIDALE BEDS VOLUNTARY UNIT NO. 10
MANNVILLE	INV. 9-SPOT	30	7	Feb-68	542	WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	4	1	Dec-93	58	WILLMAR NORTH FROB-ALIDA BEDS VOLUNTARY UNIT NO. 1
MANNVILLE	INV. 9-SPOT	23	7	Jun-87	384	WORKMAN-FROBISHER VOLUNTARY UNIT NO. 1
PRODUCED WATER	INV. 9-SPOT	15	3	Jul-92	113	WORKMAN FROBISHER VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	3	1	Apr-58	29	WORKMAN-MIDALE VOLUNTARY UNIT NO. 1
MANNVILLE	PERIPHERAL	6	1	Sep-88	81	WORKMAN-MIDALE VOLUNTARY UNIT NO. 2
MANNVILLE	INV. 9-SPOT	22	4	Mar-00	221	WORKMAN VOLUNTARY UNIT NO. 3
PRODUCED WATER	PERIPHERAL	5	1	Jun-04	21	WORKMAN VOLUNTARY UNIT NO. 4

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #

AREA I

Bolney Colony Sand	Husky Oil Operations	Colony Sand	10-Jan-96	18-Jan-01
SAGD Process	Surface Water	N/A	Mar-96	PM1024
Celtic G.P. Sand	ExxonMobil Canada	G.P. Sand	06-Feb-96	28-Oct-97
SAGD Process	Surface Water	N/A	Jun-96	PM1030
Celtic G.P. Sand	Husky Oil Operations	G.P. Sand	16-Mar-01	20-Dec-01
SAGD Process	Produced Water	N/A	Jan-02	PM1371
Edam Waseca Sand (and Sparky Sand)	Devon Canada	Waseca, Sparky	22-Aug-96	07-Aug-97
SAGD Process (Suspended)	Surface Water	N/A	Sep-96	PM1071
Evesham North Mannville Sands	Talisman Energy	Sparky, McLaren	08-Apr-99	
Waterflood	Produced Water	Inv. 9-Spot	Jul-01	PM1267
Evesham Sparky Sand	Talisman Energy	Sparky Sand	24-May-01	37197
Waterflood	Produced Water	Inv. 9-Spot	Jan-02	PM1381
Eyehill North Sparky Sand	Husky Oil Operations	Sparky Sand	28-Feb-92	
Waterflood	Produced Water	Peripheral	Apr-92	PM816
Macklin Sparky Sand	Penn West Petroleum	Sparky Sand	26-May-88	13-Feb-01
Waterflood	Produced Water	Inv. 9-Spot	Jun-88	PM685
Manito Lake East McLaren Sand	Win-Eagle Petroleum	McLaren Sand	16-Aug-02	
Pilot Waterflood	Waseca	Peripheral	Sep-04	PM1423
Manito Lake Sparky Sand	Penn West Petroleum	Sparky Sand	24-Jun-92	29-Sep-93
Waterflood	Produced Water	Peripheral	Jun-92	PM829
Neilburg McLaren Sand	Baytex Energy	McLaren Sand	11-Apr-94	
Pilot Waterflood	Produced Water	Inv. 5-Spot	Jun-95	PM903
Pikes Peak Waseca Sand	Husky Oil Operations	Waseca Sand	10-Jun-81	11-Oct-01
Steamflood/Steam Stimulation	Surface Water	N/A	Jul-81	PM537
Salt Lake Lloydminster Sand	Husky Oil Operations	Lloydminster Sand	13-Jun-88	29-May-02
Waterflood	Mannville	Line Drive	Jun-88	PM690
Senlac Cummings/Dina Sand	EnCana	Cummings/Dina	26-May-95	05-Feb-01
SAGD Process	Belly River	N/A	Mar-96	PM969
Senlac Lloydminster Sand	Nexen Canada	Lloydminster Sand	23-Mar-88	20-Dec-02
Waterflood	Mannville	Irregular	Jul-88	PM670
Silverdale Sparky Sand	Empire Resources	Sparky Sand	27-Jun-84	13-Mar-02
Water Alternating Gas (Suspended)	Sparky Sand	N/A	Dec-85	PM561
Soda Lake Cummings Sand	Baytex Energy	Cummings	26-Mar-01	
VAPEX Process	N/A	N/A	Oct-01	PM1373
Tangleflags North Lloyd/Cummings Sand	Canadian Natural	Lloyd/Cummings	21-Jul-87	04-Aug-00
Steamflood/Horizontal Wells	Surface Water	N/A	Jun-88	PM645
Tangleflags Lloyd/Cummings Sand	Canadian Natural	Lloyd/Cummings	07-May-96	22-Nov-96
SAGD Process (Suspended)	Surface Water	N/A	Feb-97	PM968
Winter South Cummings Sand	Nexen Canada	McLaren Sand	23-Feb-01	
Pilot Waterflood	Cummings	Irregular	Jun-01	PM1368

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #

AREA II

Buffalo Coulee Bakken Sand	Penn West Petroleum	Bakken Sand	28-Nov-69	06-Mar-03
Waterflood	Belly River	Inv. 9-Spot	Jul-69	PM522
Buffalo Coulee Bakken Sand	Acclaim Energy	Bakken Sand	23-Nov-79	11-Dec-96
Waterflood	Belly River	Inv. 9-Spot	Aug-80	PM521
Buffalo Coulee North Bakken Sand	Nexen Canada	Bakken Sand	28-Jun-88	02-Aug-01
Waterflood	Belly River	Inv. 9-Spot	Jun-88	PM695
Cactus Lake Basal Mannville-Bakken Sands	Nexen Canada	Basal Mann.-Bakken	05-Nov-01	
Waterflood	Prod. Water & Judith R.	Irregular	Dec-01	PM1397
Cactus Lake Basal Mannville-Bakken Sands	Nexen Canada	Basal Mann.-Bakken	21-Oct-02	
Waterflood	Prod. Water & Judith R.	Inv. 5-Spot	Nov-04	PM1429
Cactus Lake East Bakken Sand	Nexen Canada	Bakken Sand	23-Oct-01	
Waterflood	Prod. Water & Judith R.	Irregular	Dec-01	PM1394
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	14-Oct-94	
SAGD Process (Suspended)	Ribstone Creek	N/A	Jan-95	PM823
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	24-Oct-94	
SAGD Process (Suspended)	Ribstone Creek	N/A	Mar-95	PM938
Cactus Lake North McLaren Sand	Murphy Oil Company	McLaren Sand	25-Nov-99	
Pilot Waterflood	Produced Water	Peripheral	Dec-00	PM1289
Coleville Bakken	Penn West Petroleum	Bakken Sand	18-Dec-58	06-Nov-97
Waterflood	Belly River	Inv. 5 & 9-Spot	Jan-59	PM37
Court Bakken Sand	Nexen Canada	Bakken Sand	21-Dec-95	17-Jul-00
Waterflood	Ribstone Creek	Peripheral	Jan-96	PM1016
Court Bakken Sand	Nexen Canada	Bakken Sand	18-Aug-98	02-May-00
Waterflood	Ribstone Creek	Inv. 9-Spot	Oct-98	PM1247
Court South Bakken Sand	Anadarko Canada	Bakken Sand	26-Sep-95	16-Jan-98
Waterflood	Ribstone Creek	Inv. 7-Spot	Feb-96	PM996
Dodsland Viking Sand	Ultima Ventures	Viking Sand	11-Jul-96	
Waterflood	Belly River	Inv. 9-Spot	Nov-96	PM1066
Dodsland Viking Sand	Provident Energy	Viking Sand	04-Dec-85	
Waterflood	B. River & Deadwood	Inv. 9-Spot	Oct-87	PM622
Dodsland Viking Sand	Enerplus Resources	Viking Sand	21-Oct-97	
Waterflood	Belly River	Part. Inv. 15-Spot	Dec-97	PM1186
Fusilier North Bakken Sand	Nexen Canada	Bakken Sand	02-May-01	12-Sep-01
Waterflood	Belly River	Irregular	Apr-01	PM1377
Hearts Hill Bakken Sand	Husky Oil Operations	Bakken Sand	02-Nov-89	
Waterflood (Suspended)	Produced Water	Peripheral	Jun-88	PM724
Hearts Hill Bakken Sand	Penn West Petroleum	Bakken Sand	01-Dec-97	
Waterflood	Produced Water	Peripheral	Apr-98	PM1082
Kerrobert Mannville Sand	Conoco Phillips	Waseca Sand	28-Apr-97	04-Dec-01
SAGD Process	Belly River	N/A	Aug-97	PM1131

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name / EOR Project Type	Operator / Water Source	Producing Zones / Injection Pattern	Approved / 1st Injection	Revised / SEM File #
Kerrobert Viking Sand	Petrofund Corp.	Viking Sand	03-Dec-85	13-Oct-88
Waterflood	Duperow	Inv. 5-Spot	Mar-86	PM620
Luseland Bakken Sand	Nexen Canada	Bakken Sand	30-Jun-89	
Pilot Waterflood	Produced Water	Inv. 9-Spot	Aug-89	PM715
Mantario East Basal Mannville Sand	Conoco Phillips	Basal Mannville	27-May-98	26-Jun-02
Waterflood	Belly River/Viking	Peripheral	Jun-98	PM1242
Mantario North Basal Mannville Sand	Conoco Phillips	Basal Mannville	11-Apr-97	12-Aug-02
Waterflood	Belly River/Viking	Peripheral	Jul-97	PM1127
Marengo South Basal Mannville Sand	Conoco Phillips	Basal Mannville	12-Nov-93	19-Jun-02
Waterflood	Belly River	Inv. 9-Spot	Feb-93	PM843
Marengo South Basal Mannville Sand	Nexen Canada	Basal Mannville	03-Jul-96	31-Oct-02
Pilot Waterflood	Prod. Water & Belly R.	Peripheral	May-97	PM1064
North Hoosier Basal Mannville Sand	Baytex Energy	Basal Mannville	30-Apr-99	24-Jan-02
Waterflood	Produced Water	Irregular	Feb-99	PM1269
Plover Lake Bakken Sand	Nexen Canada	Bakken Sand	29-Aug-90	15-Aug-97
Steamflood/Horiz. Wells	Ribstone Creek	N/A	Feb-90	PM757
Plover Lake Bakken Sand	Nexen Canada	Bakken Sand	12-Apr-02	
VAPEX Process	N/A	N/A	Sep-02	PM1408
Plover Lake Bakken Sand	Nexen Canada	Bakken Sand	02-Nov-00	
Pilot Waterflood	Produced Water	Inv. 5-Spot	May-01	PM1346
Smiley-Dewar Viking	Imperial Oil	Viking Sand	22-Sep-61	21-Nov-95
Waterflood	Belly River	Inv. 9-Spot	Feb-62	PM152
Verendrye Viking Sand	ISH Energy	Viking Sand	09-Jan-96	01-Oct-97
Pilot Waterflood	Produced Water	Peripheral	Feb-96	PM1022
AREA III				
Antelope Cantuar Sand	Husky Oil Operations	Cantuar Sand	02-Jul-97	
Waterflood	Roseray	Peripheral	Sep-96	PM1150
Antelope Lake North Cantuar Sand	Husky Oil Operations	Cantuar Sand	20-Mar-96	
Waterflood	Mannville	Peripheral	Apr-96	PM1041
Antelope Lake North Success-Roseray Sand	Husky Oil Operations	Roseray Sand	16-Feb-96	15-Jun-99
Waterflood	Mannville	Peripheral	Mar-96	PM1031
Antelope Lake Roseray Sand	PrimeWest Energy	Roseray Sand	30-Nov-98	09-Nov-99
Waterflood	Produced Water	Peripheral	Feb-98	PM1257
Antelope Lake South Roseray Sand	Husky Oil Operations	Roseray Sand	05-Aug-99	
Waterflood	Produced Water	Peripheral	Feb-96	PM1271
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	07-Apr-95	
Pilot Waterflood	Madison	Inv. 5-Spot	Aug-95	PM958
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	12-Mar-96	14-Jan-02
Waterflood	Madison	Inv. 9-Spot	May-96	PM1034
Bench Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	25-Oct-99	
Waterflood	Produced Water	Inv. 5-Spot	Sep-99	PM1272

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name / EOR Project Type	Operator / Water Source	Producing Zones / Injection Pattern	Approved / 1st Injection	Revised / SEM File #
Bone Creek West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	19-Oct-00	30-Nov-00
Waterflood	Produced Water	Peripheral	Feb-01	PM1344
Butte Shaunavon	Husky Oil Operations	Shaunavon	14-Sep-00	
Waterflood	Madison	Peripheral	Sep-00	PM1339
Butte Upper Shaunavon	Provident Energy	Upper Shaunavon	24-Jul-96	09-Jan-01
Waterflood	Prod. Water & Belly R.	Inv. 9-Spot	Feb-97	PM1069
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	02-May-96	19-Jul-96
Waterflood	Roseray Sand	Inv. 9-Spot	Aug-96	PM1052
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	07-Nov-97	09-Feb-00
Waterflood	Madison	Inv. 9-Spot	Apr-98	PM1199
Butte Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	23-Dec-97	23-Aug-99
Waterflood	Madison	Inv. 9-Spot	Apr-98	PM1212
Butte Upper Shaunavon	Regent Resources	Upper Shaunavon	25-Oct-99	27-Oct-00
Waterflood	Produced Water	Inv. 5-Spot	Jan-00	PM1276
Butte West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	10-Sep-93	
Waterflood	Madison	Peripheral	Oct-94	PM876
Cantuar East Lower Shaunavon	Apache Canada	Lower Shaunavon	20-Aug-97	22-Dec-99
Waterflood	Produced Water	Peripheral	Sep-99	PM1166
Cantuar East Lower Shaunavon	EOG Resources	Lower Shaunavon	11-Jul-00	13-Sep-00
Waterflood	Prod. Water & Judith R.	Peripheral	Sep-00	PM1327
Chambery Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	10-Mar-97	30-Sep-02
Waterflood	Mannville	Peripheral	May-97	PM1046
Covington West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	08-Jul-96	19-Feb-98
Waterflood	Madison	Inv. 9-Spot	Oct-96	PM1028
Covington West Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	22-Oct-97	27-Sep-01
Waterflood	Madison	Inv. 9-Spot	Oct-97	PM1181
Gardenhead South Upper Shaunavon	Husky Oil Operations	Upper Shaunavon	17-Feb-95	06-Dec-00
Waterflood	Madison	Peripheral	Mar-95	PM944
Gull Lake Basal Cantuar Sand	Husky Oil Operations	Basal Cantuar Sand	03-Jul-97	
Waterflood	Roseray Sand	Inv. 9-Spot	Aug-97	PM1151
Gull Lake Roseray Sand	Husky Oil Operations	Roseray Sand	29-May-96	
Waterflood	Produced Water	Peripheral	Aug-96	PM1057
Java Cantuar Sand	Husky Oil Operations	Cantuar Sand	27-Jun-84	
Waterflood	Mannville	Peripheral	Jul-84	PM562
Java North Cantuar Sand	Husky Oil Operations	Cantuar Sand	22-Oct-97	02-Sep-99
Waterflood	Roseray Sand	Peripheral	Dec-97	PM1187
Java West Cantuar Sand	Husky Oil Operations	Cantuar Sand	20-Apr-00	
Waterflood	Produced Water	Peripheral	Jun-00	PM1311
North Premier Upper Shaunavon	Provident Energy	Upper Shaunavon	02-Jun-94	11-May-01
Waterflood	Mannville	Peripheral	Sep-94	PM913

NON-UNIT ENHANCED RECOVERY PROJECTS

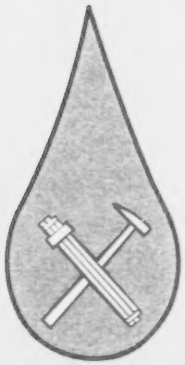
Pool Name / EOR Project Type	Operator / Water Source	Producing Zones / Injection Pattern	Approved / 1st Injection	Revised / SEM File #
Rapdan South Upper Shaunavon	Two Knots Energy	Upper Shaunavon	26-Jul-93	
Waterflood	Produced Water	Inv. 5-Spot	Feb-94	PM869
Seward Cantuar Sand	Apache Canada	Cantuar Sand	23-Jun-99	
Waterflood	Mannville	Inv. 9-Spot	Sep-99	PM1270
Suffield Basal Cantuar Sand	Husky Oil Operations	Basal Cantuar Sand	16-Mar-98	
Waterflood	Produced Water	Inv. 9-Spot	Apr-98	PM1139
Suffield Roseray Sand	Husky Oil Operations	Roseray Sand	29-Sep-95	11-May-00
Waterflood	Belly River	Peripheral	Mar-96	PM997
Suffield West Cantuar Sand	Husky Oil Operations	Cantuar Sand	09-Mar-00	
Waterflood	Mannville	Inv. 5-Spot	Jul-00	PM1304
Webb Cantuar Sand	Husky Oil Operations	Cantuar Sand	29-Apr-96	15-Nov-99
Waterflood	Roseray Sand	Inv. 9-Spot	Mar-96	PM1051
Webb South Cantuar Sand	Husky Oil Operations	Cantuar Sand	03-Jun-96	04-May-00
Waterflood	Roseray Sand	Peripheral	Jul-96	PM1058
Webb West Cantuar Sand	Husky Oil Operations	Cantuar Sand	28-Nov-97	
Waterflood	Roseray Sand	Inv. 9-Spot	Mar-98	PM1176
Whitemud Shaunavon	Husky Oil Operations	Shaunavon	23-May-95	06-Feb-97
Waterflood	Mannville	Inv. 9-Spot	Jun-95	PM956
AREA IV				
Benson East Midale Beds	Provident Energy	Midale Beds	23-Sep-87	
Waterflood	Mannville	Inv. 9-Spot	Dec-87	PM652
Bryant Midale Beds	Duce Oil Ltd.	Midale Beds	17-Feb-94	
Waterflood	Mannville	Inv. 9-Spot	Sep-94	PM896
Clanlaw Frobisher-Alida Beds	Progress Energy Ltd.	Frobisher-Alida Beds	06-Sep-96	
Waterflood	Produced Water	Peripheral	Jan-97	PM1077
Elswick East Midale Beds	Nexen Canada	Midale Beds	10-Jul-01	
Waterflood	Produced Water	Irregular	Sep-01	PM1386
Elswick Midale Beds	Devon Canada	Midale Beds	10-Jun-87	17-Sep-02
Waterflood	Mannville	Inv. 9-Spot	Dec-87	PM644
Elswick Midale Beds	Devon Canada	Midale Beds	20-Jan-98	31-Jan-02
Waterflood	Mannville	Peripheral	Feb-98	PM1222
Frys Tilston-Souris Valley Beds	Zargon Oil & Gas	Tilston Beds	27-Aug-02	
Waterflood	Souris Valley	Irregular	Oct-04	PM1424
Glen Ewen Frobisher Beds	Nexen Canada	Frobisher Beds	26-Feb-93	
Waterflood	Produced Water	Peripheral	Sep-93	PM853
Hummingbird South Bakken Sand	Northrock Resources	Bakken Sand	16-Apr-98	
Pilot Waterflood	Mannville	Peripheral	May-98	PM1232
Hummingbird South Ratcliffe Beds	Northrock Resources	Ratcliffe Beds	04-Mar-98	
Pilot Waterflood	Mannville	Peripheral	May-98	PM1233

NON-UNIT ENHANCED RECOVERY PROJECTS

Pool Name	Operator	Producing Zones	Approved	Revised
EOR Project Type	Water Source	Injection Pattern	1st Injection	SEM File #
Midale Central Midale Beds	Anadarko Canada	Midale Beds	16-Oct-01	
Waterflood	Produced Water	Irregular	Feb-02	PM1393
Red Jacket Sand	Husky Oil Operations	Red Jacket Sand	03-Feb-98	
Waterflood	Produced Water	Peripheral	Dec-97	PM1227
Roncott Bakken Sand	Cannon Oil & Gas	Bakken Sand	07-Mar-95	
Pilot Waterflood	Mannville	Peripheral	Jul-95	PM954
Silverton East Frobisher Beds	Petrofund Corp	Frobisher Beds	31-Oct-97	6-Nov-02
Waterflood	Frobisher	Peripheral	Dec-97	PM1193
Stoughton South Frobisher Beds	NAL Resources	Frobisher Beds	20-Apr-01	
Pilot Waterflood	Produced Water	Irregular	May-01	PM1378
Tatagwa North Midale Beds	ARC Resources	Midale Beds	07-Sep-00	17-Jan-01
Waterflood	Produced Water	Irregular	Oct-00	PM1336
Tyvan Red River	Penn West Petroleum	Red River	27-Apr-00	
Pilot Waterflood	Produced Water	Inv. 5-Spot	May-00	PM1314
Weyburn Midale Beds	NAL Resources	Midale Beds	13-Jun-88	
Waterflood	Mannville	Inv. 9-Spot	Jun-88	PM689
Weyburn Midale Beds	Provident Energy	Midale Beds	17-May-96	
Waterflood	Produced Water	Peripheral	Feb-97	PM1055
Weyburn Midale Beds	NAL Resources	Midale Beds	08-Dec-00	
Waterflood	Produced Water	Irregular	Dec-00	PM1360
Weyburn Midale Beds	NAL Resources	Midale Beds	06-Sep-01	
Waterflood	Produced Water	Irregular	Oct-01	PM1390
Weyburn Midale Beds	EnCana Resources	Midale Beds	31-Oct-02	
Waterflood	Blairmore & Midale	Irregular	Apr-03	PM1430
Wilmar Frobisher-Alida Beds	Upton	Frobisher-Alida Beds	18-May-00	
Waterflood	Produced Water	Peripheral	Dec-01	PM1319

Note: SAGD = Steam Assisted Gravity Drainage

DEVELOPMENT DATA



OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
ABERFELDY G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
ABERFELDY SPARKY SAND	SOLUTION GAS DRIVE WATER DRIVE PART. GAS CAP DRIVE	WATERFLOOD IN: 1: ABERFELDY UNIT (SUSPENDED) 2: SOUTH ABERFELDY SPARKY VOL. UNIT (SUSPENDED) IN-SITU WET COMBUSTION IN: ABERFELDY UNIT (SUSPENDED) STEAMFLOOD IN: ABERFELDY UNIT (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT A: TWP 49, RGE 26, SEC. NW 1/4 OF 4, N 1/2 OF 5, 6, 8, 9, W 1/2 OF 10, SW 1/4 OF 15, 16, 17, E 1/2 & NW 1/4 OF 18, 20, 21, 28, 29; TWP 48, RGE 27, SEC. N 1/2 OF 35, NW 1/4 OF 36; TWP 49, RGE 27, SEC. 1, 2, 11, 12; WHERE NW 1/4 OF LSD; B: TWP 49, RGE 27, SEC. 14, 15, NE 1/4 OF 16, E 1/2 OF 21, 22, 23, 27, 28, 33, 34; WHERE: NE 1/4 OF LSD
ALAMEDA EAST FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD EXCEPT TWP 4, RGE 2, SEC. 10, NW 1/4 OF 11, S 1/2 & NE 1/4 OF 15; WHERE ODD NUMBERED LSD
ALAMEDA MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN 1: ALAMEDA CENTRAL UNIT 2: ALAMEDA EAST UNIT 3: NORTH ALAMEDA UNIT 4: SOUTH ALAMEDA UNIT 5: ALAMEDA MIDALE VOL. UNIT NO. 1 6: ALAMEDA MIDALE VOL. UNIT NO. 2	2	ODD NUMBERED LSD
ALAMEDA WEST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
ALAMEDA WEST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ALAMEDA WEST VOL. UNIT NO. 1	2	ODD NUMBERED LSD
ALIDA EAST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD, EXCEPT TWP 5, RGE 33, SEC. 26, 27, 28, S 1/2 OF 33, S 1/2 & NW 1/4 OF 34; TWP 5, RGE 33, SEC. SW 1/4 OF 3; WHERE EVEN NUMBERED LSD
ALIDA NORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
ALIDA WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
ALSASK BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD, EXCEPT TWP 29, RGE 29, SEC. NW 1/4 OF 10, W 1/2 OF 15, SW 1/4 OF 22; WHERE SEE POOL REGULATIONS CONCERNING PARTIAL LEGAL SUBDIVISIONS
AMULET RATCLIFFE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
ANTELOPE CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
ANTELOPE LAKE EAST ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD
ANTELOPE LAKE NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD
ANTELOPE LAKE NORTH SUCCESS-ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
ANTELOPE LAKE ROSERAY SAND	PARTIAL WATER DRIVE	WATERFLOOD	1	CENTER OF LSD
ANTELOPE LAKE SOUTH ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SEE POOL ORDER FOR DETAILS
ANTELOPE LAKE UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN ANTELOPE LAKE UPPER SHAUNAVON VOLUNTARY UNIT	1	CENTER OF LSD
ARCOLA FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
ARCOLA NORTH ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
ARCOLA SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
ASHLEY LAKE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
AUBURNTON FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
AVON HILL VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN AVON HILL VIKING VOL. UNIT (SUSP)	1	CENTER OF LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
BALDWINTON SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2 NW & SE 1/4 OF LSD; EXCEPT: TWP 44, RGE 22, SEC. NW 1/4 OF 6; TWP 43, RGE 23, SEC. NE 1/4 OF 32; TWP 44, RGE 23, SEC. SW 1/4 OF 4, S 1/2 & NW 1/4 OF 5, E 1/2 OF 6, W 1/2 OF 7; WHERE:	
BATTLE CREEK MADISON	WATER DRIVE	NONE	1 SE 1/4 OF LSD	
BATTLE CREEK SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	2 EVEN NUMBERED LSD	
BATTLE CREEK UPPER SHAUNAVON	PARTIAL WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BATTLE CREEK WEST MADISON	WATER DRIVE	NONE	2 EVEN NUMBERED LSD	
BATTRUM EAST ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1 CENTER OF LSD	
BATTRUM NORTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	1 CENTER OF LSD	
BATTRUM ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	IN-SITU WET COMBUSTION IN: 1: BATTRUM UNIT NO. 1 2: BATTRUM UNIT NO. 2 3: BATTRUM VOL. UNIT NO. 3 WATERFLOOD IN: 1: BATTRUM UNIT NO. 1 2: BATTRUM VOL. UNIT NO. 3 3: BATTRUM UNIT NO. 4 4: BATTRUM VOL. UNIT NO. 5	1 CENTER OF LSD; EXCEPT: A: TWP 18, RGE 16, SEC. 30; TWP 18, RGE 17, SEC. 25, 26, E 1/2 OF 27, NE 1/4 OF 33, 34, 35, SE 1/4 & W 1/2 OF 36; WHERE: 2 EVEN NUMBERED LSD; B: TWP 19, RGE 17, SEC. 1, S 1/2 OF 2; WHERE: 2 ODD NUMBERED LSD	
BELLEGARDE TILSTON BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
BEMERSYDE RED RIVER	WATER DRIVE	NONE	4 CENTER OF 1/4 SECTION	
BENCH SHAUNAVON	SOLUTION GAS DRIVE	NONE	1 CENTER OF LSD	
BENCH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BENCH VOL. UNIT NO.1	2 ODD NUMBERED LSD	
BENDER CENTRAL TILSTON BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
BENDER SOUTH TILSTON BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
BENDER TILSTON BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BENNETT LAKE ALIDA BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BENSON EAST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2 ODD NUMBERED LSD	
BENSON FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BENSON MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: BENSON UNIT 2: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 1 3: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 2 4: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 3 5: BENSON MIDALE BEDS VOLUNTARY UNIT NO. 4 6: NORTHWEST BENSON MIDALE VOLUNTARY UNIT (SUSP)	2 ODD NUMBERED LSD	
BENSON WINNIPEGOSIS	PARTIAL WATER DRIVE	NONE	4 CENTER OF 1/4 SECTION	
BEVERLEY CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BEVERLEY CANTUAR VOL. UNIT NO. 1 BEVERLEY CANTUAR VOL. UNIT NO. 3	2 EVEN NUMBERED LSD; EXCEPT: TWP 15, RGE 17, SEC. E 1/2 OF 3, SE 1/4 N 1/2 & LSDS 5 & 6 OF 10; WHERE: 1 CENTER OF LSD 2 ODD NUMBERED LSD	
BEVERLEY EAST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: EAST BEVERLEY (JAVA) CANTUAR VOL. UNIT		
BEVERLEY NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BEVERLEY NORTH CANTUAR VOLUNTARY UNIT NO. 1	1 CENTER OF LSD	
BEVERLEY ROSERAY SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: 1: BEVERLEY UNIT NO. 1 2: BEVERLEY VOL. UNIT NO. 2	1 CENTER OF LSD	
BIENFAIT MIDALE BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
BIG GULLY EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD	

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
BIG GULLY MCLAREN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BIG GULLY VOLUNTARY UNIT NO. 1 (SUSPENDED)	1 NW 1/4 OF LSD; EXCEPT: TWP 50, RGE 25, SEC: NE 1/4 OF 7, N 1/2 OF 8, SW 1/4 OF 17, SE 1/4 OF 18; WHERE: 1 NE 1/4 OF LSD 1 SE 1/4 OF LSD 1 SE 1/4 OF LSD 1 SE 1/4 OF LSD.	
BIG GULLY NORTH LLOYD SAND	SOLUTION GAS DRIVE	NONE		
BIG GULLY NORTH MCLAREN SAND	SOLUTION GAS DRIVE	NONE		
BIG GULLY NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE		
BIG GULLY WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: BIG GULLY VOLUNTARY UNIT NO. 1 (SUSPENDED)	1 NW 1/4 OF LSD; EXCEPT: TWP 50, RGE 25, SEC: NE 1/4 OF 7, N 1/2 OF 8, SW 1/4 OF 17, SE 1/4 OF 18; WHERE: 1 NE 1/4 OF LSD	
BIG MARSH LAKE TILSTON BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BOLNEY COLONY SAND	SOLUTION GAS DRIVE	SAGD PROCESS	1 SE 1/4 OF LSD	
BONE CREEK UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BONE CREEK UNIT	2 EVEN NUMBERED LSD; EXCEPT: TWP 11, RGE 19, SEC: W 1/2 OF 2, 3, E 1/2 OF 4; WHERE: 2 ODD NUMBERED LSD	
BONE CREEK WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1 CENTER OF LSD	
BROMHEAD EAST RED RIVER	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BROMHEAD MIDALE BEDS	SOLUTION GAS DRIVE	NONE	4 NW LSD OF 1/4 SECTION	
BROUGH FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BROWNING FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
BROWNING NORTH FROB-ALIDA BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BROWNING SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BRYANT FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	4 NW LSD OF 1/4 SECTION; EXCEPT: TWP 5, RGE 7, SEC: 30; TWP 5, RGE 8, SEC: 22 TO 27, S 1/2 OF 36; WHERE: 2 ODD NUMBERED LSD	
BRYANT MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	4 NW LSD OF 1/4 SECTION; EXCEPT: TWP 5, RGE 7, SEC: 30; TWP 5, RGE 8, SEC: 22 TO 27, S 1/2 OF 36; WHERE: 2 ODD NUMBERED LSD	
BRYANT SOUTH MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2 ODD NUMBERED LSD	
BUFFALO COULEE BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/2 NE & SW 1/4 OF LSD	
BUFFALO COULEE N. BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1 SW 1/4 OF LSD	
BUFFALO HEAD BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2 ODD NUMBERED LSD	
BUFFALO HEAD FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
BURROWS RED JACKET SAND	WATER DRIVE	NONE	1 CENTER OF LSD	
BUTTE SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1 CENTER OF LSD	
BUTTE UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: BUTTE VOLUNTARY UNIT	2 ODD NUMBERED LSD; EXCEPT: TWP 11, RGE 18, SEC: SW 1/4 OF 29, S 1/2 OF 30; TWP 11, RGE 19, SEC: NE 1/4 OF 23, N 1/2 OF 24, S 1/2 & NW 1/4 OF 25, SE 1/4 & N 1/2 OF 26, NE 1/4 OF 27, NE 1/4 OF 28, NE 1/4 OF 33, 34, 35, W 1/2 OF 36; TWP 12, RGE 19, SEC: S 1/2 OF 2, 3, NE 1/4 OF 4, SW 1/4 OF 10; WHERE: 1 CENTER OF LSD	

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
BUTTE WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: BUTTE WEST VOL. UNIT NO. 1 2: BUTTE WEST VOL. UNIT NO. 2	2	ODD NUMBERED LSD, EXCEPT: A: TWP 12, RGE 19, SEC: NW 1/4 OF 27, 34; WHERE: 2 EVEN NUMBERED LSD: B: TWP 12, RGE 19, SEC: LSDS 3 & 4 OF 17, LSDS 9, 10, 15 & 16 OF 29, LSDS 7, 8, 15 & 16 OF 32; WHERE: 1 CENTER OF LSD
BUZZARD LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
BUZZARD NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE: 1/2 NW & SE 1/4 OF LSD.
BUZZARD NORTH LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE: 1/2 NW & SE 1/4 OF LSD.
BUZZARD NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE: 1/2 NW & SE 1/4 OF LSD.
BUZZARD NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE: 1/2 NW & SE 1/4 OF LSD.
BUZZARD NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 47, RGE 26, SEC: W 1/2 OF 26, 27, 34; WHERE: 1/2 NW & SE 1/4 OF LSD.
CACTUS LAKE BASAL MANNVILLE-BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: CACTUS LAKE VOL. UNIT NO. 1 2: CACTUS LAKE VOL. UNIT NO. 2 3: CACTUS LAKE VOL. UNIT NO. 3	1	SE 1/4 OF LSD.
CACTUS LAKE EAST BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SEE POOL ORDER FOR DETAILS.
CACTUS LAKE NORTH MCLAREN SAND	PARTIAL WATER DRIVE	SAGD PROJECT (SUSPENDED), PILOT WATERFLOOD	1	SE 1/4 OF LSD.
CANTAL FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CANTAL SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
CANTUAR EAST CANTUAR SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: EAST CANTUAR UNIT NO. 1 GAS STORAGE IN: EAST CANTUAR GAS UNIT	1	SW 1/4 OF LSD.
CANTUAR EAST LOWER SHAUNAVON	PARTIAL WATER DRIVE	WATERFLOOD	1	CENTER OF LSD.
CANTUAR EAST ROSERAY SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: 1: EAST CANTUAR UNIT NO. 1 2: EAST CANTUAR UNIT NO. 2 GAS STORAGE IN: EAST CANTUAR GAS UNIT	1	SW 1/4 OF LSD.
CANTUAR ROSERAY SAND	PARTIAL WATER DRIVE	WATERFLOOD IN: CANTUAR UNIT	1	SW 1/4 OF LSD.
CANTUAR MAIN CANTUAR SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN: CANTUAR UNIT	1	SW 1/4 OF LSD.
CANTUAR NORTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
CARLYLE ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
CARLYLE SOUTH LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
CARNDUFF FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: W 1/2 OF 5, 6; TWP 3, RGE 34, SEC: 1, 2, E 1/2 OF 3, E 1/2 OF 10, 11, W 1/2 OF 12, W 1/2 OF 14, E 1/2 OF 15; WHERE: 2 EVEN NUMBERED LSD; B: TWP 2, RGE 34, SEC: W 1/2 OF 20, W 1/2 OF 29, W 1/2 OF 32; TWP 3, RGE 34, SEC: W 1/2 OF 3, 4, 9, W 1/2 OF 10, W 1/2 OF 15, 16; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.	
CARNDUFF MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WEST CARNDUFF UNIT 2: EAST CARNDUFF UNIT 3: CARNDUFF VOL. UNIT NO. 1 4: CARNDUFF VOL. UNIT NO. 2 5: CARNDUFF VOL. UNIT NO. 3 (SUSP) 6: CARNDUFF S. MIDALE VOL UNIT	2 ODD NUMBERED LSD, EXCEPT: A: TWP 3, RGE 33, SEC: NE 1/4 & W 1/2 OF 4, 5, 6, 7, 8, 9, 16, 17, S 1/2 OF 18; TWP 3, RGE 34, SEC: 1, 2, E 1/2 OF 3, 11, 12, S 1/2 OF 13; WHERE: 2 EVEN NUMBERED LSD; B: TWP 2, RGE 34, SEC: NW 1/4 OF 17, W 1/2 OF 20, W 1/2 OF 29, W 1/2 OF 32; TWP 3, RGE 34, SEC: W 1/2 OF 3, 4; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.	
CARRUTHERS CUMMINGS SAND	PARTIAL WATER DRIVE	NONE	1/2 NW & SE 1/4 OF LSD	
CELTIC G.P. SAND	SOLUTION GAS DRIVE	SAGD PROCESS	1 SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: N 1/2 OF 29, LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:	
CELTIC MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1/2 NW & SE 1/4 OF LSD 1 SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: N 1/2 OF 29, LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE:	
CELTIC SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2 NW & SE 1/4 OF LSD 1 SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC: N 1/2 OF 29, LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 28, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16; WHERE: 1/2 NW & SE 1/4 OF LSD	

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
CELTIC WASECA SAND	SOLUTION GAS DRIVE	PILOT INTERMITTENT STEAM INJECTION (SUSPENDED)	1	SE 1/4 OF LSD EXCEPT: TWP 51, RGE 22, SEC: N 1/2 OF 29, LSD 10 OF 30; TWP 51, RGE 23, SEC: LSD 12 OF 26, LSD 9 OF 29, LSDS 10, 11, 14 & 15 OF 34, LSDS 5, 6 & NW 1/4 OF 35; TWP 52, RGE 23, SEC: LSD 2 OF 3, LSDS 6, 7 & 8 OF 4, 16 WHERE:
			1/2	NW & SE 1/4 OF LSD
CEYLON BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD
CHAMBERY UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD
CHAPLEAU LAKE RED RIVER	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION
CLARILAW EAST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
CLARILAW FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD
CLARILAW WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
CLINTONVILLE SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD
COLEVILLE BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/2	NE & SW 1/4 OF LSD
COLEVILLE MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD
COLEVILLE SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN COLEVILLE S. BAKKEN VOL. UNIT	1/2	NE & SW 1/4 OF LSD; EXCEPT: TWP 30, RGE 23, SEC: 31, N 1/2 OF 32; WHERE:
			1/2	SE & NW 1/4 OF LSD
COLEVILLE SOUTH MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD
COLEVILLE SOUTH SUCCESS	PARTIAL WATER DRIVE	NONE	1	NE 1/4 OF LSD; EXCEPT: TWP 31, RGE 23, SEC: LSD 2 OF 24; WHERE:
			1/2	NE & SW 1/4 OF LSD
COLEVILLE WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
COLGATE MIDALE BEDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD
COOTHILL RED JACKET SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD
CORNING TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
CORNING WEST TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
COSINE LAKE LLOYDMINSTER SAND	GAS CAP DRIVE	NONE	1	SE 1/4 OF LSD; EXCEPT: TWP 37, RGE 28, SEC: LSDS 4,5,12 & 13 OF 7, LSDS 4,5,12 & 13 OF 18, LSDS 4,5,12 & 13 OF 19; TWP 37, RGE 29, SEC: LSDS 1,8,9 & 16 OF 12, LSDS 1,8,9 & 16 OF 13, LSDS 1,8,9 & 16 OF 24; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS
COURT BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN COURT BAKKEN VOL. UNIT NO. 1	1	SE 1/4 OF LSD
COURT NORTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
COURT SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD
COURT WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
COVINGTON SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD
COVINGTON UPPER SHAUNAVON	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN COVINGTON UNIT NO. 1	2	EVEN NUMBERED LSD
COVINGTON WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD
COYOTE LAKE TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
CREELMAN ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD EXCEPT: TWP 10, RGE 9, SEC: N 1/2 OF 7 WHERE:
			1	CENTER OF LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
CRYSTAL HILL SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD. EXCEPT: TWP 10, RGE 1, SEC. 18 & 19; TWP 10, RGE 2, SEC. NE 1/4 OF 13, E 1/2 OF 24; WHERE:
CUTHBERT BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1 1	CENTER OF LSD. SE 1/4 OF LSD. EXCEPT: TWP 26, RGE 29, SEC. LSDS 1, 8, 9 & 16 OF 32, LSDS 4, 5, 12 & 13 OF 33; TWP 27, RGE 29, SEC. LSDS 3, 6, 11 & 14 OF 24; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
DAHINDA MADISON	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
DALESBORO FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
DALESBORO NORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
DEE VALLEY EAST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
DEE VALLEY SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
DEE VALLEY WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.; EXCEPT: TWP 49, RGE 22, SEC. W 1/2 OF 6; TWP 49, RGE 23, SEC. LSDS 1 & 8 OF 1, SE 1/4 & LSDS 5 & 6 OF 12; WHERE
DELTA UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: DELTA UNIT NO. 1 2: DELTA UNIT NO. 2 3: DELTA VOL. UNIT NO. 3	1/2 2	NW & SE 1/4 OF LSD. EVEN NUMBERED LSD.
DELTA WEST UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
DIVIDE MADISON	WATER DRIVE	NONE	1	CENTER OF LSD.
DODSLAND VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: EAGLE LAKE VIKING VOLUNTARY UNIT 2: EAST DODSLAND VOL. UNIT (SUSP.) 3: GLENEATH SOUTH VOL. UNIT (SUSP.) 4: GLENEATH UNIT 5: KIYIU LAKE VOLUNTARY UNIT 6: KIYIU LAKE VOL. UNIT NO. 2 7: NORTH DODSLAND VOL. UNIT	1	CENTER OF LSD.
DOLLARD LOWER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SE LSD OF 1/4 SECTION EXCEPT: TWP 7, RGE 19, SEC. NW 1/4 OF 29; WHERE
DOLLARD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: DOLLARD UNIT 2: EAST DOLLARD VOLUNTARY UNIT	2 1	ODD NUMBERED LSD. CENTER OF LSD. EXCEPT: TWP 7, RGE 19, SEC. LSDS 13 & 14 OF 16, LSDS 13 TO 16 OF 17, 18, LSDS 1 TO 4 OF 19, LSDS 1 TO 4 OF 20, LSDS 3 & 4 OF 21; WHERE:
DRUID MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
DULWICH EAST G.P. SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
DULWICH EAST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH EAST REX SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH G.P. SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
DULWICH NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTH DULWICH VOLUNTARY UNIT (SUSPENDED)	1/2 1/2	NW & SE 1/4 OF LSD. NE & SW 1/4 OF LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
DULWICH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	EACH QUADRANT OF LSD.
EAR LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EASTBROOK SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
EASTEND SHAUNAVON	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 6, RGE 19, SEC: 5, 6, 7, 8, W 1/2 OF 18; TWP 6, RGE 20, SEC: E 1/2 OF 1; WHERE:
			4	NW LSD IN 1/4 SECTION.
EDAM NORTH LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 48, RGE 20, SEC: N 1/2 OF 34, SE 1/4 & LSDS 3, 6, 9, 10, 11, 12, 15 & 16 OF 35; TWP 49, RGE 20, SEC: S 1/2 & LSDS 9, 10, 11, 12 & 14 OF 3, LSDS 3, 6, 9, 10 & 11 OF 10, LSDS 11, 12 & 14 OF 11; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 48, RGE 19, SEC: E 1/2 & LSDS 3, 4, 5, 11 & 14 OF 8, SW 1/4 OF 9, NW 1/4 OF 11, 15, 16, SW 1/4 OF 17, 22, W 1/2 OF 27, 28, 29, 33; TWP 49, RGE 19, SEC: S 1/2 & NW 1/4 & LSDS 9, 10, & 15 OF 4, 5; WHERE:
			1/2	NW & SE 1/4 OF LSD.
EDAM WEST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD. EXCEPT: TWP 48, RGE 20, SEC: LSD 11 & S 1/2 LSD 14 OF 30; WHERE:
			1/4	CENTER OF DRAINAGE UNIT.
EDAM WEST SPARKY/G.P. SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD. EXCEPT: SEE EDAM WEST MANNVILLE SANDS.
EDAM WEST WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD. EXCEPT: SEE EDAM WEST MANNVILLE SANDS.
EDENVALE NORTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
EDENVALE TILSTON BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
ELCOTT EAST MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
ELMORE FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: ELMORE FROBISHER BEDS VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
ELMORE MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
ELSWICK EAST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ELSWICK MIDALE VOL. UNIT NO. 2	2	ODD NUMBERED LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
ELSWICK MIDALE BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: ELSWICK MIDALE VOL. UNIT NO. 1	2	ODD NUMBERED LSD.
ELSWICK SOUTH MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	OCD NUMBERED LSD.
EPPING G.P. SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SOUTH EPPING UNIT NO. 1	1 EXCEPT: A: TWP 47, RGE 27, SEC: W 1/2 OF 17, 18, 19, 20, S 1/2 & NW 1/4 OF 29, 30, S 1/2 & NW 1/4 OF 31, SW 1/4 OF 32; TWP 46, RGE 28, SEC. 24, E 1/2 OF 35, SW 1/4 OF 36; TWP 47, RGE 28, SEC. N 1/2 OF 25, E 1/2 OF 35, 36; WHERE: 1/2 B: TWP 47, RGE 28, SEC. LSDS 4, 5, 12 & 13 OF 14, LSDS 1, 8, 9 & 16 OF 15, LSDS 1, 8, 9 & 16 OF 22, LSDS 4, 5, 12 & 13 OF 23, LSDS 4, 5, 12 & 13 OF 26, LSDS 1, 8, 9 & 16 OF 27, LSDS 1, 8, 9 & 16 OF 34, LSDS 4, 5, 12 & 13 OF 35; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS	
EPPING MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1 EXCEPT: SEE EPPING G.P. SAND POOL	SE 1/4 OF LSD.
EPPING NORTH CUMMINGS SAND	SOLUTION GAS DRIVE	NONE	1 EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.	SEE POOL ORDER FOR DETAILS.
EPPING NORTH G. P. SAND	SOLUTION GAS DRIVE	NONE	1 EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.	SEE POOL ORDER FOR DETAILS.
EPPING NORTH MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1 EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.	SEE POOL ORDER FOR DETAILS.
EPPING NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 EXCEPT: TWP 48, RGE 28, SEC: LSDS 4, 5, 12 & 13 OF 2, LSDS 1, 8, 9 & 16 OF 3, LSDS 1 & 8 OF 10, LSDS 4 & 5 OF 11; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.	SEE POOL ORDER FOR DETAILS.
EPPING SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
EPPING SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SOUTH EPPING UNIT NO. 1 2: SOUTH WEST EPPING SPARKY VOLUNTARY UNIT NO. 1	1 EXCEPT: SEE EPPING G.P. SAND POOL	SE 1/4 OF LSD.
ERMINE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
EUREKA VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: NORTH EUREKA UNIT 2: SOUTH EUREKA UNIT	1	CENTER OF LSD.
EVESHAM NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM NORTH MCLAREN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EVESHAM SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
EYEHILL CUMMINGS-DINA SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	PILOT IN-SITU DRY COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD.
EYEHILL NORTH CUMMINGS SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 40, RGE 28, SEC. LSDS 4, 5, 12 & 13 OF 20, LSDS 4, 5, 12 & 13 OF 29; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
EYEHILL NORTH SPARKY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD	1	SE 1/4 OF LSD. EXCEPT: TWP 40, RGE 28, SEC. LSDS 4, 5, 12 & 13 OF 20, LSDS 4, 5, 12 & 13 OF 29; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
FERTILE TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FERTILE TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FLAT LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 1 FLAT LAKE RATCLIFFE VOLUNTARY UNIT NO. 2	2 EXCEPT: A: TWP 1, RGE 16, SEC. N 1/2 OF 21; WHERE: 2	EVEN NUMBERED LSD. ODD NUMBERED LSD; B: TWP 1, RGE 16, SEC. S 1/2 OF 1, S 1/2 OF 2, S 1/2 OF 3, S 1/2 OF 5, S 1/2 OF 6; WHERE: WELLS LOCATED A MINIMUM DISTANCE OF 1600 FEET FROM U.S. BORDER.
FLINTON TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
FLORENCE FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD. EXCEPT: TWP 1, RGE 34, SEC. W 1/2 OF 32; TWP 2, RGE 34, SEC. W 1/2 OF 5, W 1/2 OF 8; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL SECTIONS.
FLORENCE SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
FLORENCE SOUTH MIDALE BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD.
FOREST BANK MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1 EXCEPT: A: TWP 48, RGE 24, SEC. 32; TWP 49, RGE 24, SEC. 8; TWP 48, RGE 25, SEC. LSDS 12 TO 16 OF 36 TWP 49, RGE 25, SEC. 1; WHERE: 1	SW 1/4 OF LSD. SE 1/4 OF LSD; B: TWP 49, RGE 24, SEC. 7, 18; TWP 49, RGE 25, SEC. 12, 13; WHERE: 1 NE 1/4 OF LSD; C: TWP 49, RGE 24, SEC. W 1/2 OF 4 WHERE: 1/2 NE & SW 1/4 OF LSD; D: TWP 48, RGE 25, SEC. SE 1/4 & LSDS 9, 10 & 11 OF 36 WHERE: 1/2 NW & SE 1/4 OF LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
FOREST BANK SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD. EXCEPT: SEE FOREST BANK MANNVILLE SANDS.
FOREST BANK WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD. EXCEPT: SEE FOREST BANK MANNVILLE SANDS
FORGAN VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FORGAN WEST VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FOSTERTON ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: FOSTERTON MAIN UNIT 2: FOSTERTON NORTHWEST UNIT (SUSPENDED) 3: WEST FOSTERTON VOLUNTARY UNIT IN-SITU WET COMBUSTION IN: FOSTERTON NORTHWEST UNIT	1	CENTER OF LSD. EXCEPT: TWP 16, RGE 18, SEC. 35, W 1/2 OF 36; TWP 17, RGE 18, SEC. 1, 2, 3, 10, 11, 12, S 1/2 & NW 1/4 OF 13, 14, 15; WHERE: 1 SW 1/4 OF LSD
FOSTERTON SOUTH CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FOSTERTON SOUTH ROSERAY SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
FREDA LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
FREEMONT MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREEMONT SOUTH COLONY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREEMONT SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 45, RGE 24, SEC. E 1/2 & LSDS 3, 6, 11 & 14 OF 11; WHERE: 1/2 NW & SE 1/4 OF LSD
FREEMONT WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 44, RGE 24, SEC. E 1/2 OF 26, LSDS 1, 2, 7, 8, 9 & 10 OF 35 WHERE: 1/4 CENTER OF EACH 1/4 LSD
FREEMONT WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
FREESTONE FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD. EXCEPT: TWP 9, RGE 6, SEC. W 1/2 OF 7, W 1/2 OF 17, 18, 19, W 1/2 OF 20; TWP 9, RGE 7, SEC. 11, 12, 13; WHERE: 1 CENTER OF LSD
FREMANTLE LOWER WATROUS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
FROUDE RED RIVER	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
FRYS EAST TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD. EXCEPT: TWP 7, RGE 30, SEC. LSDS 10 & 11 OF 33; WHERE: 2 CENTER OF DRAINAGE UNIT
FRYS TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
FURNESS SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD
FUSILIER BAKKEN SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	NONE	1	SE 1/4 OF LSD
FUSILIER NORTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
GAINSBOROUGH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: GAINSBOROUGH FROBISHER-ALIDA VOLUNTARY UNIT	1	CENTER OF LSD EXCEPT: A: TWP 2, RGE 30, SEC. E 1/2 OF 21, W 1/2 & NE 1/4 OF 22, N 1/2 OF 23, NW 1/4 OF 24, 25, 26, E 1/2 OF 27, E 1/2 OF 34, S 1/2 & NW 1/4 OF 35; WHERE: 2 ODD NUMBERED LSD; B: TWP 3, RGE 30, SEC. 1, 2, E 1/2 OF 11, SW 1/4 OF 12; WHERE: 2 EVEN NUMBERED LSD
GAINSBOROUGH NORTH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
GAINSBOROUGH WEST FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: GAINSBOROUGH WEST VOLUNTARY UNIT NO. 1	2 ODD NUMBERED LSD.	
GARDENHEAD SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	1 CENTER OF LSD.	
GARDENHEAD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GARDEN HEAD VOL. UNIT NO. 1	2 ODD NUMBERED LSD.	
GLEN EWEN FROBISHER BEDS	PARTIAL WATER DRIVE	WATERFLOOD	2 ODD NUMBERED LSD. EXCEPT: TWP 3, RGE 1, SEC: LSD 1,2,3,4 OF SECTIONS 3 TO 5 INCLUSIVE. WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.	
GLEN EWEN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: GLEN EWEN UNIT	2 ODD NUMBERED LSD. EXCEPT: A: TWP 2, RGE 1, SEC: N 1/2 OF 26, 32; S 1/2 OF 33, S 1/2 & NW 1/4 OF 34, SE 1/4 OF 35; TWP 3, RGE 1, SEC: NW 1/4 OF 8, N 1/2 OF 10, N 1/2 OF 11, NE 1/4 OF 12, S 1/2 OF 13, W 1/2 OF 15, SE 1/4 OF 16, W 1/2 & NE 1/4 OF 20, W 1/2 OF 22; WHERE: 4 SE LSD OF 1/4 SECTION; B: TWP 3, RGE 1, SEC: LSD 1,2,3,4 OF SECTIONS 1 TO 5 INCLUSIVE; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.	
GLEN EWEN NORTH FROBISHER BEDS	WATER DRIVE	NONE	1 CENTER OF LSD. EXCEPT: TWP 3, RGE 1, SEC: NE 1/4 OF 20, SW 1/4 & N 1/2 OF 28, E 1/2 OF 29; WHERE: 2 ODD NUMBERED LSD.	
GOLDEN LAKE NORTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: A: TWP 48, RGE 23, SEC: 19, 29, 30, E 1/2 & SW 1/4 OF 31, 32; TWP 48, RGE 24, SEC: NE 1/4 OF 24, SE 1/4 OF 25; WHERE: 1 SW 1/4 OF LSD; B: TWP 48, RGE 23, SEC: N 1/2 OF 16, 21, N 1/2 OF 22; WHERE: 1/2 NW & SE 1/4 OF LSD.	
GOLDEN LAKE NORTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GOLDEN LAKE VOLUNTARY UNIT (SUSPENDED)	1 SE 1/4 OF LSD. EXCEPT: SEE GOLDEN LAKE NORTH MANNVILLE SANDS POOL	
GOLDEN LAKE NORTH WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GOLDEN LAKE VOLUNTARY UNIT (SUSPENDED)	1 SE 1/4 OF LSD. EXCEPT: SEE GOLDEN LAKE NORTH MANNVILLE SANDS POOL	
GOLDEN LAKE SOUTH MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 47, RGE 22, SEC: N 1/2 OF 31, TWP 48, RGE 22, SEC: 6, W 1/2 OF 7, TWP 47, RGE 23, SEC: N 1/2 OF 35, N 1/2 OF 36; TWP 48, RGE 23, SEC: 1, 2, 3, N 1/2 OF 9, 10 TO 15, S 1/2 OF 16, S 1/2 OF 22, S 1/2 OF 23; WHERE: 1/2 NW & SE 1/4 OF LSD.	

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
GOLDEN LAKE SOUTH SPARKY SAND	SOLUTION GAS DRIVE	PILOT IN-SITU WET COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD. EXCEPT: SEE GOLDEN LAKE SOUTH MANNVILLE SANDS POOL
GOLDEN LAKE SOUTH WASECA SAND	SOLUTION GAS DRIVE	TWO IN-SITU WET COMBUSTION PILOT PROJECTS-(SUSPENDED) WATERFLOOD IN: GOLDEN LAKE SOUTH VOL. UNIT (SUSPENDED)	1	SE 1/4 OF LSD. EXCEPT: SEE GOLDEN LAKE SOUTH MANNVILLE SANDS POOL
GRIFFIN FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
GRIFFIN NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
GULL LAKE BASAL CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: JOHNSTON UNIT 2: GULL LAKE CANTUAR VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD.
GULL LAKE CENTRAL UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GULL LAKE UPPER SHAUNAVON VOLUNTARY UNIT NO. 1 (SUSP)	2	SE 1/4 OF EVEN LSD.
GULL LAKE NORTH BASAL CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
GULL LAKE NORTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GULL LAKE N. SHAUNAVON UNIT	1	SE 1/4 OF LSD.
GULL LAKE ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD.
GULL LAKE SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: GULL LAKE SOUTH VOLUNTARY UNIT NO. 1 (SUSPENDED)	2	EVEN NUMBERED LSD.
GULLY LAKE WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: GULLY LAKE WASECA VOL. UNIT (SUSPENDED)	1	SE 1/4 OF LSD.
HANDSWORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD. EXCEPT: TWP 10, RGE 6, SEC. NW 1/4 OF 17, 18, 19, 20; WHERE:
HARDY SOUTH RED RIVER	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
HARTAVEN FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
HARTAVEN RED RIVER	WATER DRIVE	NONE	1	CENTER OF LSD.
HARTAVEN WINNIPEG SAND	WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
HASTINGS EAST FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION.
HASTINGS FROBISHER BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: 1: HASTINGS FROBISHER UNIT 2: HASTINGS VOLUNTARY UNIT NO. 1 3: HASTINGS VOLUNTARY UNIT NO. 2 (SUSPENDED)	2	EVEN NUMBERED LSD.
			2	EVEN NUMBERED LSD. EXCEPT: A: TWP 3, RGE 33, SEC. SE 1/4 & N 1/2 OF 10, 15, N 1/2 OF 16, 21, 22, S 1/2 OF 27, S 1/2 OF 28, LSDS 13,14 & NE 1/4 OF 31; TWP 4, RGE 33, SEC. LSDS 1,2,5,6 & N 1/2 OF 6, S 1/2 OF 7; TWP 3, RGE 34, SEC. 22, W 1/2 OF 26, 27, 34, SW 1/4 OF 35; TWP 4, RGE 34, SEC. LSDS 13,14 & NE 1/4 OF 1, 3, 10, LSDS 5,6,7,8 & N 1/2 OF 11, LSDS 9,10 & S 1/2 OF 12, LSDS 1, 2 & W 1/2 OF 14, N 1/2 & SW 1/4 OF 15, S 1/2 & NE 1/4 OF 22, LSDS 3 & 4 OF 23; TWP 3, RGE 1, SEC. NE 1/4 OF 24, 25, 36; TWP 4, RGE 1, SEC. S 1/2 OF 1, LSDS 7,8 & N 1/2 OF 12, LSDS 11,12, NE 1/4 & S 1/2 OF 13, LSDS 7 & 8 OF 14, SE 1/4 OF 24. WHERE:
			1	CENTER OF LSD. B: TWP 3, RGE 34, SEC. 21, 28, 33; TWP 4, RGE 34, SEC. 4, 9, 16, 21, NW 1/4 OF 22, W 1/2 OF 27, 28, 33, W 1/2 OF 34; TWP 5, RGE 34, SEC. W 1/2 OF 3, 4; WHERE: SEE POOL REGULATIONS RE FRACTIONAL LEGAL SUBDIVISIONS

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
HASTINGS NORTH FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD; EXCEPT: TWP 5, RGE 34, SEC: NE 1/4 OF 9; SE 1/4 OF 16; WHERE: SEE POOL REGULATIONS RE FRACTIONAL LEGAL SUBDIVISIONS
HASTINGS WEST FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
HAZELWOOD CENTRAL TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD; EXCEPT: A: TWP 11, RGE 4, SEC: N 1/2 OF 7, SW 1/4 OF 17, S 1/2 & NW 1/4 OF 18; SW 1/4 OF 19; TWP 11, RGE 5, SEC: NE 1/4 OF 13; WHERE: 2 EVEN NUMBERED LSD; B: TWP 11, RGE 5, SEC: W 1/2 OF 13, N 1/2 OF 14, NE 1/4 OF 15, 23, 24; WHERE: 2 ODD NUMBERED LSD; C: TWP 11, RGE 4, SEC: N 1/2 OF 17, NE 1/4 OF 18, E 1/2 OF 19, 20; WHERE: 1 SEE POOL ORDER FOR DETAILS
HAZELWOOD SOUTH TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD; EXCEPT: TWP 11, RGE 5, SEC: E 1/2 OF 12; SE 1/4 OF 13; WHERE: 2 EVEN NUMBERED LSD
HAZELWOOD TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
HAZELWOOD WEST TILSTON BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
HAZLET ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN HAZLET UNIT	1	CENTER OF LSD
HEARTS HILL BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
HEWARD FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD
HEWARD SOUTH FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD
HILLMOND G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
HILLMOND SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
HILLMOND SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
HITCHCOCK WINNIPEGOSIS	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION; EXCEPT: TWP 3, RGE 9, SEC: NW 1/4 OF 25; SE 1/4 OF 35; WHERE: 2 ODD NUMBERED LSD
HOFFER RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD; EXCEPT: A: TWP 1, RGE 14, SEC: W 1/2 OF 30; SW 1/4 OF 31; TWP 1, RGE 15, SEC: 25 TO 27, S 1/2 OF 32, S 1/2 OF 33, 34, 35, S 1/2 OF 36; WHERE: 2 EVEN NUMBERED LSD; B: TWP 1, RGE 15, SEC: 30; TWP 1, RGE 16, SEC: E 1/2 OF 25; WHERE: 2 ODD NUMBERED LSD
HOOSIER BAKKEN SAND	SOLUTION GAS DRIVE GAS CAP DRIVE	WATERFLOOD IN HOOSIER BAKKEN VOL. UNIT NO. 1	1	SE 1/4 OF LSD; EXCEPT: TWP 31, RGE 26, SEC: 6, 7, S 1/2 & NW 1/4 OF 18; TWP 31, RGE 27, SEC: 1, 2, 11 TO 14, 23, W 1/2 OF 24, W 1/2 OF 25, 26, E 1/2 OF 27; WHERE: 1 CENTER OF LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
HUME FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD; EXCEPT: TWP 7, RGE 12, SEC: W 1/2 OF 29, E 1/2 OF 30; WHERE: 1 CENTER OF LSD	
HUME MIDALE BEDS	SOLUTION GAS DRIVE	NONE	1 CENTER OF LSD	
HUMMINGBIRD BAKKEN SAND	WATER DRIVE	WATERFLOOD IN: HUMMINGBIRD BAKKEN SAND VOLUNTARY UNIT NO. 1	2 ODD NUMBERED LSD	
HUMMINGBIRD BIRDBEAR	SOLUTION GAS DRIVE	NONE	2 ODD NUMBERED LSD	
HUMMINGBIRD RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: HUMMINGBIRD RATCLIFFE VOLUNTARY UNIT NO. 1	2 ODD NUMBERED LSD	
HUMMINGBIRD SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD	1 CENTER OF LSD	
HUMMINGBIRD SOUTH RATCLIFFE	PARTIAL WATER DRIVE	WATERFLOOD	1 CENTER OF LSD	
HUNTOON FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD; EXCEPT: TWP 7, RGE 8, SEC: N 1/2 OF 7, W 1/2 OF 18; TWP 6, RGE 9, SEC: NW 1/4 OF 28, 33; TWP 7, RGE 9, SEC: SW 1/4 OF 4, 12, SE 1/4 OF 13; WHERE: 1 CENTER OF LSD	
HUNTOON MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 1 2: HUNTOON MIDALE BEDS VOLUNTARY UNIT NO. 2	4 SE LSD IN 1/4 SECTION; EXCEPT: TWP 6, RGE 9, SEC: N 1/2 OF 30, 31, 32, 33, 34; TWP 7, RGE 9, SEC: W 1/2 OF 2, 3, 4, E 1/2 OF 5, 10; TWP 6, RGE 10, SEC: N 1/2 OF 25, NE 1/4 OF 26, E 1/2 OF 33, 34, 35, 36; TWP 7, RGE 10, SEC: 4; WHERE: 2 ODD NUMBERED LSD	
HUNTOON NORTH FROBISHER BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
ILLERBRUN UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: ILLERBRUN VOLUNTARY UNIT	2 ODD NUMBERED LSD	
INGOLDSBY EAST ALIDA BEDS	WATER DRIVE	NONE	2 EVEN NUMBERED LSD	
INGOLDSBY FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
INGOLDSBY NORTH ALIDA BEDS	WATER DRIVE	NONE	2 EVEN NUMBERED LSD	
INGOLDSBY WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
INNES FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
INSTOW UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: INSTOW UNIT 2: INSTOW SOUTH UPPER SHAUNAVON VOLUNTARY UNIT	2 ODD NUMBERED LSD	
JAVA CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2 ODD NUMBERED LSD	
JAVA NORTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1 CENTER OF LSD	
JAVA WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1 SEE POOL ORDER FOR DETAILS	
JOHNSTON UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD	
KENNEDY SOURIS VALLEY BEDS	WATER DRIVE	NONE	2 EVEN NUMBERED LSD	
KENOSEE TILSTON BEDS	WATER DRIVE	NONE	2 EVEN NUMBERED LSD	
KERROBERT MANNVILLE SAND	SOLUTION GAS DRIVE	SAGD PROCESS	1 SE 1/4 OF LSD	
KERROBERT NORTH MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD	
KERROBERT VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD	1 CENTER OF LSD; EXCEPT: TWP 32, RGE 23, SEC: NE 1/4 OF 26, 36; TWP 33, RGE 23, SEC: 2; WHERE: 1/2 NE & SW 1/4 OF LSD	
KISBEY BIRDBEAR	WATER DRIVE	NONE	2 ODD NUMBERED LSD	
KISBEY FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
KISBEY SOUTH FROB-ALIDA BEDS	WATER DRIVE	NONE	1 CENTER OF LSD	
LAKE ALMA RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: LAKE ALMA VOLUNTARY UNIT	2 EVEN NUMBERED LSD	

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	SPACING REGULATIONS * TARGET AREA
LANDROSE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD; EXCEPT: TWP 50, RGE 25, SEC. W 1/2 OF 6, W 1/2 OF 7, SW 1/4 OF 18; TWP 50, RGE 26, SEC. E 1/2 & NW 1/4 OF 1, 12, S 1/2 OF 13; WHERE:
			1/2	NE & SW 1/4 OF LSD
LANDROSE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	NE 1/4 OF LSD; EXCEPT: SEE LANDROSE MCLAREN SAND POOL
LASHBURN EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
LASHBURN MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD; EXCEPT: TWP 49, RGE 24, SEC. E 1/2 OF 4; WHERE:
			1/2	NE & SW 1/4 OF LSD
LASHBURN SOUTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD; EXCEPT: TWP 48, RGE 23, SEC. 18; TWP 48, RGE 24, SEC. NW 1/4 OF 14, NE 1/4 OF 15, E 1/2 OF 22, 23; WHERE:
			1	SE 1/4 OF LSD
LASHBURN SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD; EXCEPT: SEE LASHBURN SOUTH SPARKY SAND POOL
LASHBURN SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SW 1/4 OF LSD; EXCEPT: TWP 49, RGE 24, SEC. E 1/2 OF 4; WHERE:
			1/2	NE & SW 1/4 OF LSD
LASHBURN WASECA SAND	SOLUTION GAS DRIVE	WATERFLOOD IN LASHBURN WASECA VOLUNTARY UNIT (SUSPENDED)	1	SW 1/4 OF LSD; EXCEPT: TWP 49, RGE 24, SEC. E 1/2 OF 4; WHERE:
			1/2	NE & SW 1/4 OF LSD
LASHBURN WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD; EXCEPT: A: TWP 48, RGE 25, SEC. W 1/2 OF 16, 17, 19, LSDS 1, 2, 4, 5, 7, 8, 9, 10, 12, 13 & 16 OF 20, 21, W 1/2 OF 28, LSDS 1, 4, 5, 8 & N 1/2 OF 29, 30, S 1/2 OF 31, SE 1/4 OF 32, 33, LSDS 4, 5, 12, 13, 14, 15 & 16 OF 34; TWP 49, RGE 25, SEC. W 1/2 OF 3, S 1/2 & NE 1/4 OF 4; TWP 48, RGE 26, SEC. SE 1/4 OF 25; WHERE:
			1	200 M SQUARE IN SE 1/4 OF LSD; EXCEPT: B: TWP 48, RGE 25, SEC. LSDS 3, 6, 11, 14 & 15 OF 20, SW 1/4 OF 28, SE 1/4 & LSDS 3 & 6 OF 29, LSDS 3, 6, 3 10 & 11 OF 34; WHERE:
			1/2	NE & SW 1/4 OF LSD
LEITCHVILLE SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN LEITCHVILLE SHAUNAVON VOLUNTARY UNIT	2	EVEN NUMBERED LSD
LEON LAKE SHAUNAVON	SOLUTION GAS DRIVE	PILOT WATERFLOOD WATERFLOOD	2	ODD NUMBERED LSD
LIGHTNING SOUTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
LIGHTNING TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
LLOYDMINSTER SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD EXCEPT: SPECIAL PROVISIONS FOR PARTIAL LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
LONE ROCK SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1/4	CENTER OF EACH 1/4 LSD
LONG LAKE WASECA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD
LOST HORSE HILL FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD; EXCEPT: TWP 10, RGE 7, SEC. 5, S 1/2 & NE 1/4 OF 6; TWP 9, RGE 8, SEC. NW 1/4 OF 20; WHERE:
			2	ODD NUMBERED LSD
LOUGHEED MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: LOUGHEED MIDALE BEDS VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD; EXCEPT: TWP 6, RGE 15, SEC. SW 1/4 OF 23; WHERE:
LOVERNA SUCCESS	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD
LOW LAKE EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD
LOW LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1/4	CENTER OF EACH 1/4 LSD
LUCKY HILLS VIKING	SOLUTION GAS DRIVE GAS CAP DRIVE	NONE	1/2	NE & SW 1/4 OF LSD
			1	CENTER OF LSD
LUSELAND BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD
LUSELAND MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MACKLIN SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
MACOUN MIDALE BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: MACOUN MIDALE VOL. UNIT NO. 1	2	ODD NUMBERED LSD
MACOUN NORTH WINNIPEGOSIS	SOLUTION GAS DRIVE	NONE	4	CENTER OF 1/4 SECTION; EXCEPT: A: TWP 4, RGE 8, SEC. SW 1/4 OF 32; WHERE:
			1	CENTER OF LSD; B: TWP 4, RGE 8, SEC. SW 1/4 OF 30, LSDS 9 & 10 OF 31; TWP 5, RGE 8, SEC. LSDS 7 & 8 OF 6; WHERE:
			2	ODD NUMBERED LSD; C: TWP 4, RGE 8, SEC. LSDS 15 & 16 OF 31 TWP 5, RGE 8, SEC. LSDS 1 & 2 OF 6; WHERE:
				SEE POOL REGULATIONS
MACOUN SOUTH MIDALE BEDS	PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD
MACOUN WEST MIDALE BEDS	PARTIAL WATER DRIVE	NONE	4	NW LSD OF 1/4 SECTION
MACOUN WINNIPEGOSIS	SOLUTION GAS DRIVE	WATERFLOOD IN:	4	CENTER OF 1/4 SECTION
	PARTIAL WATER DRIVE	SOUTH MACOUN WINNIPEGOSIS VOL. UNIT NO. 1		
MAIDSTONE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MAIDSTONE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MAIDSTONE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
MAIN SUCCESS ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS MAIN UNIT	1	SW 1/4 OF LSD
MANITO LAKE EAST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD; EXCEPT: TWP 43, RGE 25, SEC. NE 1/4 OF 15 S 1/2 OF 22; WHERE:
			1/2	NW & SE 1/4 OF LSD
MANITO LAKE SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD
MANOR LOWER WATROUS-ALIDA BEDS	WATER DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD
MANOR NORTH LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
MANSUR RED RIVER	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION
MANTARIO EAST BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MANTARIO E. BASAL MANNVILLE VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD
MANTARIO NORTH BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MANTARIO N. BASAL MANNVILLE SAND VOLUNTARY UNIT NO. 1	1	SE 1/4 OF LSD
MARENGO SOUTH BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD
MARSDEN NORTH SPARKY SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD; EXCEPT:

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
MARSDEN SOUTH SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 1 2: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 2 3: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 3 3: MARSDEN SOUTH SPARKY SAND VOLUNTARY UNIT NO. 4	SPECIAL PROVISIONS FOR PARTIAL LSD: 1 SE 1/4 OF LSD; EXCEPT: TWP 44, RGE 26, SEC: LSDS 2, 11, 12 & 14 OF 17, LSDS 1 & 8 OF 29, LSD 13 OF 30; WHERE: 1/2 NW & SE 1/4 OF LSD;	
MARSDEN SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/4 CENTER OF EACH 1/4 LSD; EXCEPT: TWP 44, RGE 28, SEC: 34; WHERE: 1/2 NW & SE 1/4 OF LSD;	
MELROSE FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1/2 NW & SE 1/4 OF LSD;	
MEOTA LLOYDMINSTER SAND	SOLUTION GAS DRIVE	NONE	1 CENTER OF LSD;	
MERVIN CENTRAL SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD;	
MERVIN CENTRAL WASECA SAND	SOLUTION GAS DRIVE	NONE	1 SEE POOL ORDER FOR DETAILS;	
MERVIN EAST WASECA SAND	SOLUTION GAS DRIVE	NONE	1 SEE POOL ORDER FOR DETAILS;	
MERVIN SOUTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD;	
MERVIN WASECA SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD; 1 SE 1/4 OF LSD; EXCEPT: TWP 51, RGE 20, SEC: LSDS 2, 3, 6, 7, 10 & 11 OF 6; TWP 50, RGE 21, SEC: N 1/2 OF 26, E 1/2 OF 34, 35, LSDS 3, 6, 7, 10, 11, 14 & 15 OF 36; WHERE: 1/2 NW & SE 1/4 OF LSD;	
MIDALE CENTRAL FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD; EXCEPT: TWP 6, RGE 10, SEC: NW 1/4 OF 15, LSDS 5 TO 16 OF 16, LSDS 5 TO 12 OF 17, LSDS 3 & 4 OF 22; WHERE: 1 CENTER OF LSD; 2 ODD NUMBERED LSD;	
MIDALE CENTRAL MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MIDALE UNIT 2: MIDALE EAST VOL. UNIT NO. 1 3: MIDALE SOUTH VOL. UNIT NO. 1 4: MIDALE SOUTH VOL. UNIT NO. 2 5: MIDALE SOUTH VOL. UNIT NO. 3 PILOT CARBON DIOXIDE FLOOD IN: MIDALE UNIT (SUSPENDED)		
MIDALE RED RIVER	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: MIDALE RED RIVER VOLUNTARYUNIT NO. 1	4 CENTER OF 1/4 SECTION;	
MIDALE SOUTH RED RIVER	WATER DRIVE	NONE	4 CENTER OF 1/4 SECTION;	
MIDALE WEST RED RIVER	SOLUTION GAS DRIVE	NONE	4 CENTER OF 1/4 SECTION;	
MILTON BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD;	
MILTON SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD;	
MILTON SOUTH SUCCESS	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD;	
MINARD MIDALE BEDS	SOLUTION GAS DRIVE	NONE	4 NW LSD OF 1/4 SECTION;	
MINARD SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2 ODD NUMBERED LSD;	
MINTON RED RIVER	WATER DRIVE	NONE	4 CENTER OF 1/4 SECTION;	
MINTON WINNIPEGOSIS	WATER DRIVE	NONE	4 CENTER OF 1/4 SECTION; EXCEPT: TWP 3, RGE 21, SEC: SW 1/4 OF 17; WHERE: 2 ODD NUMBERED LSD;	
MONTMARTRE RED RIVER	SOLUTION GAS DRIVE	NONE	4 SEE POOL ORDER FOR DETAILS;	
MOOSE MOUNTAIN TILSTON BEDS	WATER DRIVE	NONE	1 CENTER OF LSD;	
MOOSE VALLEY SOUTH TILSTON BEDS	WATER DRIVE	NONE	1 CENTER OF LSD; EXCEPT: TWP 11, RGE 5, SEC: E 1/2 OF 27; WHERE: 2 ODD NUMBERED LSD;	

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
MOOSE VALLEY TILSTON BEDS	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
MOOSOMIN RED JACKET SAND	PARTIAL WATER DRIVE	NONE	1/4	CENTER OF DRAINAGE UNIT
MORRISVIEW FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
MORRISVIEW SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
MORRISVIEW WEST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NEILBURG COLONY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
NEILBURG MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
NEILBURG MCLAREN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD.
NEPTUNE NORTH MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
NEPTUNE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	4	NW LSD OF 1/4 SECTION.
NORTH ANTLER MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: ANTLER VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD.
NORTHGATE EAST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NORTHGATE FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
NORTHGATE MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTHGATE MIDALE VOLUNTARY UNIT (SUSPENDED)	2	ODD NUMBERED LSD.
NORTH HANDSWORTH ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
NORTH HOOSIER BAKKEN SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: NORTH HOOSIER BAKKEN SAND VOLUNTARY UNIT	1	CENTER OF LSD.
NORTH HOOSIER BASAL MANNVILLE	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: NORTH HOOSIER BASAL BLAIRMORE VOLUNTARY UNIT	1/2 EXCEPT: WHERE:	SW & NE 1/4 OF LSD. TWP 32, RGE 26, SEC. NW 1/4 OF 19, NW 1/4 OF 29, 30, S 1/2 & NE 1/4 OF 31, W 1/2 OF 32; TWP 32, RGE 27, SEC. N 1/2 OF 24, E 1/2 OF 25;
NORTHMINSTER NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1/2 1 EXCEPT: WHERE:	NW & SE 1/4 OF LSD. SE 1/4 OF LSD. TWP 51, RGE 27, SEC. 6;
NORTHMINSTER NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2 1 EXCEPT: WHERE:	NW & SE 1/4 OF LSD. SE 1/4 OF LSD. TWP 51, RGE 27, SEC. 6;
NORTHMINSTER SPARKY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTHMINSTER SPARKY VOLUNTARY UNIT	1/2 1 EXCEPT: WHERE:	NW & SE 1/4 OF LSD. SW 1/4 OF LSD. TWP 50, RGE 27, SEC. NW 1/4 OF 2, 11, LSDS 12,13,14,15 & 16 OF 12, S 1/2 & NW 1/4 OF 13, 14, N 1/2 OF 19, NW 1/4 OF 20, W 1/2 OF 29, 30, 31, TWP 50, RGE 28, SEC. E 1/2 OF 36.
NORTH PORTAL MIDALE BEDS	SOLUTION GAS DRIVE	NONE	1 2	SE 1/4 OF LSD. ODD NUMBERED LSD.
NORTH PREMIER ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: NORTH PREMIER UNIT NO. 1 2: NORTH PREMIER UNIT NO. 4	1	SW 1/4 OF LSD.
NORTH PREMIER UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: NORTH PREMIER UPPER SHAUNAVON VOLUNTARY UNIT 2: NORTH PREMIER VOL. UNIT NO. 4	1 EXCEPT: WHERE:	SW 1/4 OF LSD. TWP 14, RGE 19, SEC. NW 1/4 OF 27, N 1/2 OF 28, 33;
NORTH SMILEY BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: NORTH SMILEY BAKKEN SAND VOLUNTARY UNIT NO. 1	1 1	CENTER OF LSD. SE 1/4 OF LSD.
NOTTINGHAM ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM EAST TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
NOTTINGHAM NORTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
NOTTINGHAM SOUTH FROB-ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD. EXCEPT: TWP 5, RGE 33, SEC: 10, W 1/2 OF 11, NW 1/4 OF 13, 14, 15, 23, W 1/2 OF 24. WHERE: 1 CENTER OF LSD
NOTUKEU UPPER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SE LSD OF 1/4 SECTION.
OAKLEY FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
ONWARD BASAL MANNVILLE SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 34, RGE 24, SEC: LSDS 1 & 8 OF 10, LSDS 2, 3, 4 & 5 OF 11; WHERE: 1/2 NW & SE 1/4 OF LSD.
OPENSHAW FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
OUNGRE RATCLIFFE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: OUNGRE VOLUNTARY UNIT NO. 1	2	ODD NUMBERED LSD. EXCEPT: TWP 2, RGE 14, SEC: N 1/2 OF 14, NW 1/4 OF 15, NE 1/4 OF 16, N 1/2 OF 19, N 1/2 & SE 1/4 OF 20, 21, 22, 23, 26 TO 30, SE 1/4 OF 31, S 1/2 OF 32, SW 1/4 OF 33; TWP 2, RGE 15, SEC: NE 1/4 OF 25. WHERE: 1 CENTER OF LSD.
OXBOW FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
PARKMAN SOURIS VALLEY BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
PARKMAN SOUTH TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
PARKMAN TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
PARKMAN TILSTON-SOURIS VALLEY	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
PENNANT UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: PENNANT UPPER SHAUNAVON VOLUNTARY UNIT	1	CENTER OF LSD.
PHEASANT RUMP ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
PIKES PEAK G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PIKES PEAK SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PIKES PEAK WASECA SAND	SOLUTION GAS DRIVE	CYCLIC STEAM STIMULATION	1	SE 1/4 OF LSD.
PINTO EAST MIDALE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
PINTO FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD. EXCEPT: A: TWP 1, RGE 4, SEC: S 1/2 OF 28; TWP 2, RGE 4, SEC: 5; WHERE: 2 ODD NUMBERED LSD; B: TWP 2, RGE 4, SEC: NW 1/4 OF 2, S 1/2 OF 11, N 1/2 OF 26, S 1/2 OF 35; WHERE: 1 CENTER OF LSD.
PINTO MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1. SOUTH PINTO UNIT (SUSPENDED) 2. PINTO VOL. UNIT NO. 2	2	EVEN NUMBERED LSD. EXCEPT: TWP 1, RGE 4, SEC: S 1/2 OF 28; TWP 2, RGE 4, SEC: 5; WHERE: 2 ODD NUMBERED LSD.
PLATO NORTH VIKING	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	CENTER OF LSD.
PLATO VIKING	SOLUTION GAS DRIVE	WATERFLOOD IN: PLATO VIKING VOLUNTARY UNIT NO. 1	1	CENTER OF LSD.
PLENTY VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
PLOVER LAKE BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD STEAMFLOOD	1	SE 1/4 OF LSD.
PLOVER LAKE EAST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
PLOVER LAKE MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 35, RGE 27, SEC: LSD 15 OF 35; TWP 36, RGE 27, SEC: LSDS 1 & 2 OF 2. WHERE:
			1/2	NW & SE 1/4 OF LSD.
PLOVER LAKE SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PLOVER LAKE WEST BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
PRAIRIEDALE VIKING SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE EAST FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD. EXCEPT: TWP 5, RGE 34, SEC: NE 1/4 OF 21, E 1/2 OF 28, E 1/3 OF 33; TWP 6, RGE 34, SEC: E 1/2 OF 4, E 1/2 OF 9, E 1/2 OF 16, SE 1/4 OF 21; WHERE: SEE POOL REGULATIONS REGARDING PARTIAL LEGAL SUBDIVISIONS.
QUEENSDALE NORTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE WEST ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
QUEENSDALE WEST LOWER WATROUS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
RALPH MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: RALPH MIDALE BEDS VOL. UNIT	2	ODD NUMBERED LSD.
RALPH WEST MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: RALPH WEST MIDALE BEDS VOL. UNIT NO. 1	2	ODD NUMBERED LSD. EXCEPT: TWP 7, RGE 14, SEC: N 1/2 OF 28, NE 1/4 OF 29, S 1/2 OF 33, S 1/2 & LSDS 9, 10, 11, & 12 OF 34; WHERE:
			1	CENTER OF LSD.
RANGEVIEW EAST MADISON	WATER DRIVE	NONE	1	CENTER OF LSD.
RANGEVIEW MADISON	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
RAPDAN NORTH LOWER SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	SW LSD OF 1/4 SECTION.
RAPDAN SOUTH UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	4	SW LSD OF 1/4 SECTION.
RAPDAN UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: RAPDAN UNIT 2: NORTH RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT 3: RAPDAN UPPER SHAUNAVON VOLUNTARY UNIT NO. 2 (SUSP) PILOT POLYMER FLOOD IN: RAPDAN UNIT	1	CENTER OF LSD. EXCEPT: TWP 4, RGE 20, SEC: 4, 9; WHERE:
			2	EVEN NUMBERED LSD.
RAPDAN WEST SHAUNAVON	SOLUTION GAS DRIVE	NONE	4	NE LSD OF 1/4 SECTION.
RED JACKET GRAVELBOURG	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
RED JACKET SAND	PARTIAL WATER DRIVE	WATERFLOOD	1/4	CENTER OF DRAINAGE UNIT.
RED JACKET SOUTH RED JACKET SAND	WATER DRIVE	NONE	1/4	CENTER OF DRAINAGE UNIT.
REDVERS TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
REWARD WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
ROCANVILLE BAKKEN SAND	PARTIAL WATER DRIVE	WATERFLOOD IN: 1: ROCANVILLE BAKKEN VOLUNTARY UNIT NO. 1 2: ROCANVILLE BAKKEN SAND VOLUNTARY UNIT NO. 2	1	CENTER OF LSD.
RONCOTT BAKKEN SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	2	ODD NUMBERED LSD.
ROSEBANK ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ROSEBANK SOUTH ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
ROSS LAKE CANTUAR SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS.
RUSH LAKE G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 47, RGE 21, SEC: 32; TWP 48, RGE 21, SEC: 5, S 1/2 & LSDS 9 & 16 OF 8, 8, SE 1/4 & N 1/2 OF 9, W 1/2 OF 15, S 1/2 & NE 1/4 & LSDS 11 & 12 OF 16; TWP 48, RGE 22, SEC: 1, E 1/2 & NW 1/4 OF 12; WHERE:
			1/2	NW & SE 1/4 OF LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
RUSH LAKE MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: SEE RUSH LAKE G.P. SAND POOL.
RUSH LAKE SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: SEE RUSH LAKE G.P. SAND POOL.
RUSH LAKE WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: SEE RUSH LAKE G.P. SAND POOL.
RUTLAND CUMMINGS-DINA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD
SALT LAKE LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
SENLAC CUMMINGS-DINA SAND	PARTIAL WATER DRIVE	SAGD PROCESS	1	SE 1/4 OF LSD.
SENLAC LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
SENLAC WASECA SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD.
SERVICE TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD. EXCEPT: TWP 8, RGE 34, SEC. NW 1/4 OF 11, SW 1/4 OF 14; WHERE: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
SEWARD CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD.
SEWARD SUCCESS SAND	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
SHERWOOD FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SILVERDALE SPARKY SAND	SOLUTION GAS DRIVE	PILOT WATER ALTERNATING GAS INJECTION	1/4	CENTER OF EACH 1/4 LSD. EXCEPT: A: TWP 49, RGE 28, SEC. LSDS 3,6,11,14 & E 1/2 OF 14, LSDS 3,6,11,14 & SE 1/4 OF 23; WHERE: 1 CENTER OF LSD; B: TWP 48, RGE 28, SEC. LSDS 4,5,12 & 13 OF 14, LSDS 1,8,9 & 16 OF 15, LSDS 1,8,9 & 16 OF 22, LSDS 4,5,12 & 13 OF 23, LSDS 1,8,9 & 16 OF 27, LSDS 1,8, 9 & 16 OF 34; TWP 49, RGE 28, SEC. LSDS 1,8,9, & 16 OF 3, LSDS 1,8,9 & 16 OF 10, LSDS 1,8,9 & 16 OF 15; WHERE: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
SILVERTON EAST FROBISHER BEDS	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD.
SILVERTON FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SILVERTON NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
SILVERTON WEST FROB-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SKINNER LAKE RATCLIFFE BEDS	SOLUTION GAS DRIVE	NONE	2	ODD NUMBERED LSD.
SMILEY BAKKEN SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SMILEY BAKKEN VOL. UNIT NO. 1	1	SEE POOL ORDER FOR DETAILS.
SMILEY-DEWAR VIKING	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD. EXCEPT: TWP 30, RGE 25, SEC. 29, 30, 31, 32; WHERE: SEE POOL ORDER FOR DETAILS.
SODA LAKE CUMMINGS SAND	PARTIAL WATER DRIVE	VAPEX PROCESS	1	SE 1/4 OF LSD.
SOURIS FLAT FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOURIS FLAT SOUTH FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOUTH FLETWODE TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
SOUTH SUCCESS ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: SUCCESS UNIT	1	SW 1/4 OF LSD.
STANDARD HILL NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 22, SEC. 14, 15; WHERE: 1/2 SE & NW 1/4 OF LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
STANDARD HILL NORTH REX SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC. 14, 15; WHERE: 1/2 SE & NW 1/4 OF LSD.
STANDARD HILL NORTH SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC. 14, 15; WHERE: 1/2 SE & NW 1/4 OF LSD.
STANDARD HILL NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 22, SEC. 14, 15; WHERE: 1/2 SE & NW 1/4 OF LSD.
STANDARD HILL WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD.
STANDARD HILL WEST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1/2	NW & SE 1/4 OF LSD.
STAR VALLEY FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	1	CENTER OF LSD.
STAR VALLEY SOUTH FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STEELMAN FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STEELMAN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: STEELMAN UNIT NO. 1A 2: STEELMAN UNIT NO. 2 3: STEELMAN UNIT NO. 3 4: STEELMAN UNIT NO. 4 5: STEELMAN UNIT NO. 5 6: STEELMAN UNIT NO. 6 7: STEELMAN UNIT NO. 7 8: LAMPMAN UNIT 9: DOUGLASTON MIDALE BEDS UNIT 10: STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 1 11: STEELMAN NORTH MIDALE VOLUNTARY UNIT NO. 2 (SUSP)	2	ODD NUMBERED LSD.
STEELMAN SOUTH WINNIPEGOSIS	PARTIAL WATER DRIVE	NONE	4	CENTER OF 1/4 SECTION, EXCEPT: A: TWP 4, RGE 6, SEC. NE 1/4 OF 18; WHERE: 2 CENTER OF DRAINAGE UNIT; B: TWP 4, RGE 6, SEC. NE 1/4 OF 19, SE 1/4 OF 30; WHERE: 8 CENTER OF DRAINAGE UNIT
STEELMAN WINNIPEGOSIS	SOLUTION GAS DRIVE	WATERFLOOD IN: STEELMAN WINNIPEGOSIS VOLUNTARY UNIT NO. 1	4	CENTER OF 1/4 SECTION.
STORTHOAKS ALIDA BEDS	PARTIAL WATER DRIVE	WATERFLOOD IN: STORTHOAKS ALIDA VOLUNTARY UNIT NO. 1	2	EVEN NUMBERED LSD.
STORTHOAKS EAST TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STORTHOAKS NORTH TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STORTHOAKS TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD.
STOUGHTON FROBISHER-ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STOUGHTON NORTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD.
STOUGHTON SOUTH FROBISHER BEDS	PARTIAL WATER DRIVE	PILOT WATERFLOOD	2	ODD NUMBERED LSD.
SUCCESS NORTH ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS NORTH ROSERAY VOLUNTARY UNIT	1	CENTER OF LSD.
SUCCESS ROSERAY SAND ALPHA	SOLUTION GAS DRIVE	WATERFLOOD IN: SUCCESS ALPHA UNIT	1	SW 1/4 OF LSD.
SUFFIELD BASAL CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	SE 1/4 OF LSD.
SUFFIELD ROSERAY SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SUFFIELD UNIT NO. 1 2: SUFFIELD UNIT NO. 3	2 1	ODD NUMBERED LSD. EXCEPT: TWP 14, RGE 19, SEC. 17, E 1/2 & NW 1/4 OF 18, S 1/2 OF 19, S 1/2 OF 20; WHERE: CENTER OF LSD.

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
SUFFIELD UPPER SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: SUFFIELD UNIT NO. 2 2: SUFFIELD UNIT NO. 3	2	ODD NUMBERED LSD
SUFFIELD WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
SUPERB NORTH WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
SUPERB WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS
SWIFT CURRENT WEST BASAL MANNVILLE SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD
TABLELAND WINNIPEGOSIS	SOLUTION GAS DRIVE	WATERFLOOD IN: TABLELAND VOL. UNIT NO. 1	4	SE LSD OF 1/4 SECTION. EXCEPT: TWP 2, RGE 9, SEC. SW 1/4 OF 27;
			2	CENTER OF DRAINAGE UNIT
TANGLEFLAGS EAST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
TANGLEFLAGS G.P. SAND	SOLUTION GAS DRIVE	PILOT IN-SITU WET COMBUSTION (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC. NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC. W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC. 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS LLOYDMINSTER SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: TANGLEFLAGS VOL. UNIT NO. 2 2: TANGLEFLAGS VOL. UNIT NO. 4 (SUSPENDED)	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC. NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC. W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC. 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD
TANGLEFLAGS MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC. NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC. W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC. 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 50, RGE 24, SEC. NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC. W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC. 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36; WHERE:
			1/2	SE & NW 1/4 OF LSD.
TANGLEFLAGS NORTH G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD. EXCEPT: TWP 52, RGE 25, SEC. 10 TO 15. WHERE:
			1/2	SE & NW 1/4 OF LSD
TANGLEFLAGS NORTH LLOYD/ CUMMINGS SAND	SOLUTION GAS DRIVE	STEAMFLOOD/HORIZONTAL WELLS	1	SE 1/4 OF LSD EXCEPT: TWP 52, RGE 25, SEC. 10 TO 15 WHERE:
			1/2	SE & NW 1/4 OF LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
TANGLEFLAGS SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36. WHERE: 1/2 SE & NW 1/4 OF LSD.	
TANGLEFLAGS WASECA SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 24, SEC: NW 1/4 OF 17, 18, 19, 20, W 1/2 OF 28, 29 TO 32; TWP 51, RGE 24, SEC: W 1/2 OF 19, W 1/2 OF 30; TWP 50, RGE 25, SEC: 13 TO 15, NE 1/4 OF 21, 22 TO 25, 27, E 1/2 OF 28, E 1/2 OF 33, 34 TO 36. WHERE: 1/2 SE & NW 1/4 OF LSD.	
TANGLEFLAGS WEST G.P. SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27. WHERE: 1/2 SE & NW 1/4 OF LSD.	
TANGLEFLAGS WEST LLOYD SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27. WHERE: 1/2 SE & NW 1/4 OF LSD.	
TANGLEFLAGS WEST MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27. WHERE: 1/2 SE & NW 1/4 OF LSD.	
TANGLEFLAGS WEST MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27. WHERE: 1/2 SE & NW 1/4 OF LSD.	
TANGLEFLAGS WEST SPARKY SAND	SOLUTION GAS DRIVE	NONE	1 SE 1/4 OF LSD. EXCEPT: TWP 50, RGE 25, SEC: E 1/2 OF 19, 20, W 1/2 OF 28, E 1/2 OF 30, 32; TWP 51, RGE 25, SEC: W 1/2 OF 4, 10, 15, 16, 22, 27. WHERE: 1/2 SE & NW 1/4 OF LSD.	
TATAGWA CENTRAL MIDALE BEDS	PARTIAL WATER DRIVE	NONE	1 CENTER OF LSD.	
TATAGWA MIDALE BEDS	WATER DRIVE	NONE	1 CENTER OF LSD. EXCEPT: TWP 5, RGE 15, SEC: SE 1/4 OF 30. WHERE: 2 ODD NUMBERED LSD.	

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
TATAGWA NORTH MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD	2	ODD NUMBERED LSD, EXCEPT: TWP 6, RGE 15, SEC 18; WHERE:
			1	CENTER OF LSD
TATAGWA WEST MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
TAYLORTON MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
THIRTY LAKE ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
TURTLEFORD SPARKY SAND	SOLUTION GAS DRIVE	NONE	1/2	SE & NW 1/4 OF LSD
TURTLEFORD WASECA SAND	SOLUTION GAS DRIVE	NONE	1/2	SE & NW 1/4 OF LSD
TYVAN RED RIVER	SOLUTION GAS DRIVE	PILOT WATERFLOOD	4	SEE POOL ORDER FOR DETAILS
UNION JACK MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
VERENDRYE VIKING SAND	SOLUTION GAS DRIVE	PILOT WATERFLOOD	1	CENTER OF LSD
VERLO ROSERAY SAND	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: VERLO ROSERAY SAND UNIT	1	CENTER OF LSD
VIEWFIELD EAST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
VIEWFIELD FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: VIEWFIELD VOL. UNIT NO. 1 (SUSP)	1	CENTER OF LSD
VIEWFIELD RIM	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	1	CENTER OF LSD
VIEW HILL MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
WAPELLA MANNVILLE SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS
WAPELLA RED JACKET SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS
WAPELLA SAND	WATER DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS
WARMLEY ALIDA BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
WAUCHOPE ALIDA-TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
WAUCHOPE CENTRAL TILSTON BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
WAUCHOPE NORTH TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
WAUCHOPE SOUTH ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
WAUCHOPE WEST ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT: TWP 6, RGE 34, SEC: NE 1/4 OF 33, NW 1/4 OF 34; TWP 7, RGE 34, SEC: SW 1/4 OF 2; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS
WEBB CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
WEBB SOUTH CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
WEBB WEST CANTUAR SAND	SOLUTION GAS DRIVE	WATERFLOOD	1	CENTER OF LSD
WEIR HILL FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
WELWYN BAKKEN SAND	SOLUTION GAS DRIVE	NONE	2	EVEN NUMBERED LSD
WELWYN RED JACKET	SOLUTION GAS DRIVE	NONE	1	SEE POOL ORDER FOR DETAILS
WELWYN SOUTH BAKKEN SAND	SOLUTION GAS DRIVE	NONE	1	CENTER OF LSD
WESTHAZEL G.P. SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: TWP 51, RGE 22, SEC 4; WHERE:
			1/2	SE & NW 1/4 OF LSD
WESTHAZEL MANNVILLE SANDS	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE WESTHAZEL G.P. SAND POOL
WESTHAZEL SPARKY SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE WESTHAZEL G.P. SAND POOL
WESTHAZEL WASECA SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD, EXCEPT: SEE WESTHAZEL G.P. SAND POOL
WEST INNES FROBISHER BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
WEST KINGSFORD MIDALE BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
WEYBURN FROBISHER BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD, EXCEPT A: TWP 6, RGE 11, SEC. W 1/2 OF 31; TWP 7, RGE 11, SEC. 5, 6, 7, 8; TWP 5, RGE 12, SEC. S 1/2 OF 19, NW 1/4 OF 35; TWP 6, RGE 12, SEC. LSDS 13 & 14 OF 1, NE 1/4 & W 1/2 & LSDS 7 & 8 OF 2, 11, W 1/2 OF 12, 13, 14, NE 1/4 OF 22, 23, 24, 25, 26, 27, 33, 34, 35, 36; TWP 7, RGE 12, SEC. 1, 2, 3, 4, 5, E 1/2 OF 6, E 1/2 OF 7, 8, 9, 10, 11, 12, W 1/2 OF 14, 15, 16, 17, E 1/2 OF 18, SE 1/4 OF 19, 20, 21, 22, W 1/2 OF 23; TWP 7, RGE 13, SEC. E 1/2 OF 1, LSDS 7 & 8 & NE 1/4 OF 24; TWP 6, RGE 14, SEC. 28, 29, 32, 33; TWP 7, RGE 14, SEC. N 1/2 OF 2, 3, 4, 10, 11, W 1/2 OF 12; WHERE 2 ODD NUMBERED LSD; B: TWP 7, RGE 12, SEC. W 1/2 OF 6, W 1/2 OF 7, W 1/2 OF 18, W 1/2 & NE 1/4 OF 19; TWP 7, RGE 13, SEC. E 1/2 OF 12, E 1/2 OF 13, LSDS 1 & 2 OF 24; WHERE 1 CENTER OF LSD
WEYBURN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WEYBURN UNIT 2: WEYBURN MIDALE VOLUNTARY UNIT NO. 2 (SUSPENDED) 3: WEYBURN MIDALE VOL. UNIT NO. 3 4: WEYBURN MIDALE VOL. UNIT NO. 4 5: WEYBURN MIDALE VOL. UNIT NO. 5 6: WEYBURN MIDALE VOL. UNIT NO. 6 7: WEYBURN MIDALE VOL. UNIT NO. 7 8: WEYBURN MIDALE VOL. UNIT NO. 8 9: WEYBURN MIDALE VOL. UNIT NO. 9 10: WEYBURN MIDALE VOL. UNIT NO. 10 CO2 FLOOD IN: WEYBURN UNIT	2	EVEN NUMBERED LSD, EXCEPT TWP 6, RGE 11, SEC. W 1/2 OF 31; TWP 7, RGE 11, SEC. 5, 6, 7, 8; TWP 5, RGE 12, SEC. S 1/2 OF 19, NW 1/4 OF 35; TWP 6, RGE 12, SEC. LSDS 13 & 14 OF 1, NE 1/4 & W 1/2 & LSDS 7 & 8 OF 2, 11, W 1/2 OF 12, 13, 14, NE 1/4 OF 22, 23, 24, 25, 26, 27, 33, 34, 35, 36; TWP 7, RGE 12, SEC. 1, 2, 3, 4, 5, E 1/2 OF 6, E 1/2 OF 7, 8, 9, 10, 11, 12, W 1/2 OF 14, 15, 16, 17, E 1/2 OF 18, SE 1/4 OF 19, 20, 21, 22, W 1/2 OF 23; TWP 7, RGE 13, SEC. E 1/2 OF 1, LSDS 7 & 8 & NE 1/4 OF 24; TWP 6, RGE 14, SEC. 28, 29, 32, 33; TWP 7, RGE 14, SEC. N 1/2 OF 2, 3, 4, 10, 11, W 1/2 OF 12; WHERE 2 ODD NUMBERED LSD
WHITE BEAR TILSTON BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
WHITE BEAR TILSTON-SOURIS VALLEY BEDS	WATER DRIVE	NONE	1	CENTER OF LSD
WHITEMUD SHAUNAVON	SOLUTION GAS DRIVE	WATERFLOOD	2	EVEN NUMBERED LSD
WHITESIDE VIKING SAND	SOLUTION GAS DRIVE	WATERFLOOD IN: WHITESIDE VIK. VOL. UNIT (SUSP.)	1	CENTER OF LSD
WILDWOOD ALIDA BEDS	WATER DRIVE	NONE	2	EVEN NUMBERED LSD
WILLMAR FROBISHER-ALIDA BEDS	WATER DRIVE SOLUTION GAS DRIVE PARTIAL WATER DRIVE	WATERFLOOD IN: 1: WILLMAR FROBISHER-ALIDA VOLUNTARY UNIT NO. 1 2: NORTH DALESBORO UNIT NO. 1 3: NORTH CENTRAL WILLMAR VOL. UNIT	1	CENTER OF LSD
WILLMAR NORTH FROBISHER-ALIDA BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: WILLMAR NORTH FROB-ALIDA VOL. UNIT NO. 1	2	EVEN NUMBERED LSD
WILLMAR WEST FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD
WINMORE FROBISHER BEDS	SOLUTION GAS DRIVE PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD
WINTER CUMMINGS SAND	PARTIAL WATER DRIVE	NONE	1	SE 1/4 OF LSD

OIL POOL DEVELOPMENT DATA

POOL NAME	NATURAL DEPLETION MECHANISM	ENHANCED RECOVERY PROJECTS	SPACING REGULATIONS * DRAINAGE UNIT, LSDS	TARGET AREA
WINTER SOUTH CUMMINGS SAND	PARTIAL WATER DRIVE	PILOT WATERFLOOD	1	SE 1/4 OF LSD
WINTER SOUTH MCLAREN SAND	SOLUTION GAS DRIVE	NONE	1	SE 1/4 OF LSD
WORDSWORTH EAST FROBISHER BEDS	PARTIAL WATER DRIVE	NONE	2	EVEN NUMBERED LSD
WORDSWORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD
WORDSWORTH NORTH FROBISHER-ALIDA BEDS	PARTIAL WATER DRIVE	NONE	2	ODD NUMBERED LSD
WORKMAN FROBISHER BEDS	SOLUTION GAS DRIVE WATER DRIVE	WATERFLOOD IN: 1: WORKMAN FROB. VOL UNIT NO. 1 2: WORKMAN FROB.VOL. UNIT NO. 2	2	ODD NUMBERED LSD
WORKMAN MIDALE BEDS	SOLUTION GAS DRIVE	WATERFLOOD IN: 1: WORKMAN MIDALE VOL. UNIT NO. 1 2: WORKMAN MIDALE VOL. UNIT NO. 2 3: WORKMAN VOLUNTARY UNIT NO. 3 4: WORKMAN VOLUNTARY UNIT NO. 4	2	ODD NUMBERED LSD
WORKMAN SOUTH FROBISHER BEDS	WATER DRIVE	NONE	2	ODD NUMBERED LSD

* SPACING REGULATIONS IN EFFECT ON JANUARY 1, 2003

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
ABBEY EAST MILK RIVER GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14
ABBEY MILK RIVER GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14
ABBEY NORTH MILK RIVER GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14
BARTHEL COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BATTLE CREEK WEST MEDICINE HAT SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE)
BATTLE CREEK WEST MILK RIVER GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE)
BATTLE CREEK WEST MILK RIVER-SWS GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE)
BATTLE CREEK WEST SECOND WHITE SPECKS GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE)
BAYHURST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BAYHURST WEST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BEACON HILL MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BEACON HILL SOUTH MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BEACON HILL WEST MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BEAR CREEK MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BEVERLEY EAST CANTUAR GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BIGSTICK SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
	1/2	EXCEPT: A. TWP 12, RGE 25, SEC. 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC. 4 TO 7, 17 TO 20; TWP 12, RGE 26, SEC. 6 TO 9, 13 TO 16, 23, 24, 25, 35, 36; TWP 13, RGE 26, SEC. 1 TO 3, 6 TO 24, 33, 34; TWP 12, RGE 27, SEC. 1, 2, S 1/2 OF 17, 26, S 1/2 OF 27, S 1/2 OF 34, S 1/2 OF 35; TWP 13, RGE 27, SEC. 23; TWP 14, RGE 27, SEC. N 1/2 OF 7, 8, 9, 16, 18, 30, 31, 32; TWP 12, RGE 28, SEC. N 1/2 OF 24; TWP 13, RGE 28, SEC. S 1/2 OF 7, S 1/2 OF 17, S 1/2 OF 18; TWP 14, RGE 28, SEC. 13, N 1/2 OF 14, N 1/2 OF 15, N 1/2 OF 20, 21, 22, 24, 28, 33, 36; TWP 15, RGE 28, SEC. 1 TO 4, 7 TO 9; TWP 13, RGE 29, SEC. 1 TO 12, S 1/2 OF 17, S 1/2 OF 18, N 1/2 OF 23, N 1/2 OF 24, N 1/2 OF 25, 26, S 1/2 OF 35; TWP 15, RGE 29, SEC. 12, N 1/2 OF 15, N 1/2 OF 16, N 1/2 OF 17, N 1/2 OF 18; TWP 13, RGE 30, SEC. 1, 12, N 1/2 OF 24, N 1/2 OF 25 WHERE CENTER OF NE AND SW 1/4 OF SECTION
		B. TWP 14, RGE 26, SEC. 21; TWP 13, RGE 27, SEC. 15; TWP 12, RGE 28, SEC. N 1/2 OF 25, 26, S 1/2 OF 27, S 1/2 OF 34, S 1/2 OF 35; TWP 13, RGE 28, SEC. N 1/2 OF 4, N 1/2 OF 5, 8, N 1/2 OF 9; TWP 14, RGE 28, SEC. 29, 32; TWP 15, RGE 28, SEC. 5, N 1/2 OF 6; WHERE NE CORNER OF NE AND SW 1/4 OF SECTION
	1/4	C. TWP 12, RGE 26, SEC. 17 to 20; TWP 12, RGE 27, SEC. 3, 4, 10 TO 16, N 1/2 OF 17, 19 TO 25, N 1/2 OF 27, N 1/2 of 34, N 1/2 OF 35, 36; TWP 13, RGE 27, SEC. 22, NE 1/4 OF 26, W 1/2 & NE 1/4 OF 27; TWP 12, RGE 28, SEC. S 1/2 OF 24; TWP 13, RGE 28, SEC. 5, N 1/2 OF 7, N 1/2 OF 17, N 1/2 OF 18, 19, 29 TO 33; TWP 13, RGE 29, SEC. 13 TO 16, N 1/2 OF 17, N 1/2 OF 18, 19 TO 22, S 1/2 OF 23, S 1/2 OF 24, S 1/2 OF 25, 27 TO 34, N 1/2 OF 35, 36; TWP 14, RGE 29, SEC. 3 TO 10, 16 TO 18; TWP 13, RGE 30, SEC. 13, E 1/2 OF 14, S 1/2 OF 24, S 1/2 OF 25, 36; TWP 14, RGE 30, SEC. 1, E 1/2 OF 2, E 1/2 OF 11, 12, 13, E 1/2 OF 14 WHERE CENTER OF 1/4 SECTION

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
BIGSTICK SECOND WHITE SPECKS GAS POOL (CONT'D)	1/4	D TWP 12, RGE 27, SEC 28 TO 33; TWP 13, RGE 27, SEC 4 TO 9, 16 TO 21, 28 TO 30; TWP 12, RGE 28, SEC S 1/2 OF 25, N 1/2 OF 27, 33, N 1/2 OF 34, N 1/2 OF 35, 36; TWP 13, RGE 28, SEC 1 TO 3, S 1/2 OF 4, S 1/2 OF 5, S 1/2 OF 9, 10 TO 16, 20 TO 29; WHERE NE CORNER OF 1/4 SECTION
		E TWP 13, RGE 30, SEC 2, 11, LSDS 3 TO 6 & 11 TO 14 OF 14, 23, 26, 35; TWP 14, RGE 30, SEC LSDS 3 TO 6 & 11 TO 14 OF 2, LSDS 3 TO 6 & 11 TO 14 OF 11, LSDS 3 TO 6 & 11 TO 14 OF 14, 23, 26, 35; TWP 15, RGE 30, SEC N 1/2 OF 13; WHERE SEE POOL REGULATIONS RE PARTIAL SECTIONS
	1/4	F TWP 13, RGE 25, SEC 1 TO 3, 9 TO 16, 21 TO 28, 33 TO 36; TWP 14, RGE 25, SEC 1 TO 18; TWP 12, RGE 26, SEC 21, 22, 26 TO 34; TWP 13, RGE 26, SEC 4, 5; TWP 14, RGE 27, SEC 4, 5, 6, 8, 12; TWP 13, RGE 27, SEC 1 TO 3, 10 TO 14, 24, 25, S 1/2 & NW 1/4 OF 26, SE 1/4 OF 27, 31, 32, 33, 35 & 36; TWP 14, RGE 26, SEC 5, 6, S 1/2 OF 7; TWP 13, RGE 28, SEC 34, 35, 36; TWP 14, RGE 28, SEC 1 TO 12, S 1/2 OF 14, S 1/2 OF 15, 16 TO 19, S 1/2 OF 20, 30, 31; TWP 15, RGE 28, SEC S 1/2 OF 6; TWP 14, RGE 29, SEC 1, 2, 11 TO 15, 19 TO 36; TWP 15, RGE 29, SEC 1 TO 11, S 1/2 OF 15, S 1/2 OF 16, S 1/2 OF 17, S 1/2 OF 18; TWP 14, RGE 30, SEC 24, 25, 36; TWP 15, RGE 30, SEC 1, 12, S 1/2 OF 13; WHERE 500 M INTER-WELL DISTANCE - SEE POOL ORDER
BRANCH LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BROCK EAST VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BROCK VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BRONSON LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BRONSON LAKE SOUTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BRONSON LAKE WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
BURSTALL MEDICINE HAT SAND GAS POOL	1/8	NORTHEAST CORNER OF DRAINAGE UNIT; EXCEPT TWP 19, RGE 29, SEC 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC 6, 7; WHERE SEE POOL REGULATIONS RE PARTIAL SECTIONS
BURSTALL MILK RIVER GAS POOL	1/8	NORTHEAST CORNER OF DRAINAGE UNIT; EXCEPT TWP 19, RGE 29, SEC 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC 6, 7; WHERE SEE POOL REGULATIONS RE PARTIAL SECTIONS
BURSTALL MILK RIVER-MEDICINE HAT GAS POOL	1/8	NORTHEAST CORNER OF DRAINAGE UNIT; EXCEPT TWP 19, RGE 29, SEC 6, 7, 18, 19, 30, 31; TWP 20, RGE 29, SEC 6, 7; WHERE SEE POOL REGULATIONS RE PARTIAL SECTIONS
BURSTALL NORTH VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
CADILLAC SECOND WHITE SPECKS GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14
CARRUTHERS COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
CAVALIER SPINNEY HILL SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
COLD LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
COLEVILLE-SMILEY VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
CONSUL SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
CONSUL UPPER SHAUNAVON GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
CRANE LAKE MEDICINE HAT SAND GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT A. TWP 12, RGE 25, SEC. 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC. 4 TO 7, 17, 18, 19, 20, 29, 30, 31, 32, W 1/2 OF 33. WHERE: CENTER OF DRAINAGE UNIT.
	1/8	EXCEPT B. TWP 14, RGE 25, SEC. W 1/2 OF 4, 5, W 1/2 OF 9, 18, 20, W 1/2 OF 21, W 1/2 OF 28, 29, S 1/2 OF 32, SW 1/4 OF 33; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.
	1/4	EXCEPT C. TWP 13, RGE 25, SEC. 1, 2, 3, 9 TO 16, 21 TO 28, E 1/2 OF 33, 34 TO 36; TWP 14, RGE 25, SEC. 1 TO 3, E 1/2 OF 4, 9, E 1/2 OF 9, 10 TO 14, W 1/2 OF 16. WHERE: SEE POOL ORDER FOR DETAILS.
CRANE LAKE MILK RIVER GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT A. TWP 12, RGE 25, SEC. 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC. 4 TO 6, 17, 20, W 1/2 OF 21, W 1/2 OF 28, 29, 31, 32, W 1/2 OF 33. WHERE: CENTER OF DRAINAGE UNIT.
	1/8	EXCEPT B. TWP 14, RGE 25, SEC. W 1/2 OF 4, 5, W 1/2 OF 9, 18, 20, W 1/2 OF 21, W 1/2 OF 28, 29, S 1/2 OF 32, SW 1/4 OF 33; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.
	1/4	EXCEPT C. TWP 13, RGE 25, SEC. 1, 2, 3, 7 TO 16, 18, 19, E 1/2 OF 21, 22 TO 27, E 1/2 OF 28, 30, E 1/2 OF 33, 34 TO 36; TWP 14, RGE 25, SEC. 1 TO 3, E 1/2 OF 4, 9, E 1/2 OF 9, 10 TO 16; WHERE: SEE POOL ORDER FOR DETAILS.
CRANE LAKE MILK RIVER-MEDICINE HAT GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT A. TWP 12, RGE 25, SEC. 14 TO 23, 26 TO 35; TWP 13, RGE 25, SEC. 4 TO 7, 17, 18, 19, 20, 29, 30, 31, 32, W 1/2 OF 33. WHERE: CENTER OF DRAINAGE UNIT.
	1/8	EXCEPT B. TWP 14, RGE 25, SEC. W 1/2 OF 4, 5, W 1/2 OF 9, 18, 20, W 1/2 OF 21, W 1/2 OF 28, 29, S 1/2 OF 32, SW 1/4 OF 33; WHERE: NORTHEAST CORNER OF DRAINAGE UNIT.
	1/4	EXCEPT C. TWP 13, RGE 25, SEC. 1, 2, 3, 9 TO 16, 21 TO 28, E 1/2 OF 33, 34 TO 36; TWP 14, RGE 25, SEC. 1 TO 3, E 1/2 OF 4, 9, E 1/2 OF 9, 10 TO 14, W 1/2 OF 16. WHERE: SEE POOL ORDER FOR DETAILS.
CRANE LAKE SOUTH MEDICINE HAT SAND GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: TWP 12, RGE 21, SEC. 31; TWP 13, RGE 21, SEC. 6, 7, 18; TWP 12, RGE 22, SEC. 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC. 1 TO 5, 9 TO 16, 21, 22, & 27 TO 30; TWP 12, RGE 23, SEC. 19 TO 28, 35, 36; TWP 13, RGE 23, SEC. 25, 26, 27; TWP 12, RGE 24, SEC. 5, 6, 7; TWP 12, RGE 25, SEC. 1, 2, 10, 11, 12, 13, 24, 25, 36. WHERE: CENTER OF DRAINAGE UNIT.
CRANE LAKE SOUTH MILK RIVER GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: SEE CRANE LAKE SOUTH MEDICINE HAT SAND GAS POOL
CRANE LAKE SOUTH MILK RIVER-MEDICINE HAT GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT. EXCEPT: SEE CRANE LAKE SOUTH MEDICINE HAT SAND GAS POOL

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
CRANE LAKE SOUTH SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT.
	1/2	EXCEPT: A: TWP 12, RGE 21, SEC: 31; TWP 13, RGE 21, SEC: 6, 7, 18; TWP 12, RGE 22, SEC: 30, 31 & 33 TO 36; TWP 13, RGE 22, SEC: 1 TO 5, 9 TO 22, & 27 TO 30; TWP 12, RGE 23, SEC: 19 TO 28, 35, 36; TWP 13, RGE 23, SEC: 4, 6, 13 TO 15 & 18 TO 27; TWP 12, RGE 24, SEC: 4, 5, 6, 7; TWP 13, RGE 24, SEC: 20, 21, 28 & 29; TWP 12, RGE 25, SEC: 1, 2, 10, 11, 12, 13, 24, 25, 36; WHERE: CENTER OF NE AND SW 1/4 OF SECTION.
	1/2	EXCEPT: B: TWP 13, RGE 24, SEC. 22 TO 27; WHERE: NE CORNER OF NE AND SW 1/4 OF SECTION.
CYPRESS SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
DODSLAND NORTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
DRAKE LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
DRIVER BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
DRIVER MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
FLAT VALLEY COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
FLAT VALLEY ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
FORT PITT COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
FORT PITT NORTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
FORT PITT NORTH WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
FREEFIGHT MILK RIVER GAS POOL	1/8	NORTHEAST CORNER OF EVEN NUMBERED LSDS.
	1/4	EXCEPT: TWP 15, RGE 22, SEC: E 1/2 & SW 1/4 OF 7, E 1/2 OF 18, E 1/2 OF 19, E 1/2 OF 30, E 1/2 OF 31; TWP 16, RGE 22, SEC: E 1/2 OF 6, E 1/2 OF 7, 8, 9, 16, E 1/2 OF 17, E 1/2 OF 18, E 1/2 OF 19, E 1/2 OF 20, E 1/2 OF 21, 28, 29, N 1/2 OF 31, 32, 33; TWP 15, RGE 23, SEC: 1, 2, S 1/2 & NE 1/4 OF 3, S 1/2 OF 4, S 1/2 OF 5, S 1/2 OF 6, S 1/2 OF 11, S 1/2 OF 12; TWP 16, RGE 23, SEC: NE 1/4 OF 36; TWP 17, RGE 23, SEC: E 1/2 & NW 1/4 OF 1, N 1/2 OF 2; TWP 15, RGE 24, SEC: S 1/2 OF 1, S 1/2 OF 2, S 1/2 OF 3; WHERE: NE CORNER OF LSDS 6, 8, 14, 16.
FREEFIGHT NORTH MILK RIVER GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT
	1/8	EXCEPT: TWP 18, RGE 24, SEC: 3 TO 9, W 1/2 OF 10, 11, 14 TO 22; WHERE: NE CORNER OF EVEN NUMBERED LSDS.
FRENCHMAN BUTTE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
FRENCHMAN BUTTE ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
FRENCHMAN BUTTE WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
GLIDDEN VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
GOLD LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
GREENAN VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
GULL LAKE CANTUAR GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
HALLAM COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
HALLAM WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
HATTON MEDICINE HAT SAND GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS
HATTON MILK RIVER GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS
HATTON MILK RIVER-MEDICINE HAT GAS POOL	1/8, 1/4	VARIABLE, SEE POOL REGULATIONS FOR DETAILS
HILLMOND COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
HILLMOND LLOYDMINSTER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
HOOSIER SOUTH BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
	1/2	EXCEPT: TWP 31, RGE 26, SEC: 31; WHERE: CENTER OF DRAINAGE UNIT

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
HOOSIER VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
	1/2	EXCEPT: TWP 30, RGE 27, SEC. 26, 27, 28, 31 TO 35; TWP 31, RGE 27, SEC. 1 TO 15; TWP 30, RGE 28, SEC. 31 TO 36; TWP 31, RGE 28, SEC. 1, 2, 3, 4, 11, 12; WHERE: CENTER OF NE AND SW 1/4 OF SECTION
HORSHAM RIBSTONE CREEK SAND GAS POOL	1/4	SEE POOL ORDER FOR DETAILS.
INGEBRIGT MILK RIVER GAS POOL	1/8	NORTHEAST CORNER OF EVEN NUMBERED LSDS; EXCEPT: TWP 15, RGE 25, SEC. 6, 7, 18, 19, 30, 31; TWP 16, RGE 25, SEC. 6, 7, 18, 19, 30, 31; TWP 17, RGE 25, SEC. 6, 7, 18, 19, 30, 31; WHERE: NO WELLS TO BE DRILLED WITHIN 300 M OF THE WEST BOUNDARY OF ABOVE LANDS.
KINDERSLEY SOUTH VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
KINDERSLEY VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
LACADENA MILK RIVER GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14
LACADENA SOUTH MILK RIVER GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14
LASHBURN MCLAREN SAND GAS POOL	1/2	NORTHWEST & SOUTHEAST 1/4 OF SECTION
LIEBENTHAL MILK RIVER GAS POOL	1/4	NORTHEAST CORNER OF DRAINAGE UNIT.
	1/8	EXCEPT: TWP 18, RGE 24, SEC. 29 TO 32; TWP 19, RGE 24, SEC. 5 TO 9, 16 TO 21, 28 TO 33; TWP 20, RGE 24, SEC. 5 TO 7; TWP 18, RGE 25, SEC. 1 TO 36; TWP 19, RGE 25, SEC. 1 TO 8, 10 TO 15, 22 TO 28, 33 TO 36; TWP 20, RGE 25, SEC. 1 TO 4, 8 TO 18, 20, 21, 22, 27, 28, 33 TO 36; TWP 21, RGE 25, SEC. 1 TO 17; TWP 18, RGE 26, SEC. 1, 12, 13, 24, 25, 36; TWP 19, RGE 26, SEC. 1 TO 7, 9 TO 15, 18; WHERE: NE CORNER OF LSDS 2, 4, 5, 9, 10, 12, 14 OR 16
LLOYDMINSTER COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (76 METRES FROM D.U. EDGE)
LLOYDMINSTER NORTH COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (76 METRES FROM D.U. EDGE). EXCEPT: SPECIAL PROVISIONS FOR PARTIAL SECTIONS.
LLOYDMINSTER SOUTH COLONY SAND GAS POOL	1/4	CENTER OF DRAINAGE UNIT (200 METRES FROM D.U. EDGE). EXCEPT: TWP 49, RGE 28, SEC. LSDS 1, 8, 9 & 16 OF 10, W 1/2 OF 11; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOON LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
LOVERNA NORTH BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 31, RGE 29, SEC. 1, 2, 11, 12; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOVERNA NORTH MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 31, RGE 29, SEC. 1, 2, 11, 12; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LOVERNA SOUTH BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
LOVERNA SOUTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
LOVERNA WEST BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE). EXCEPT: TWP 31, RGE 29, SEC. 26 & 35; WHERE: SEE POOL REGULATIONS RE PARTIAL SECTIONS.
LUSELAND VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE).
	1/2	EXCEPT: TWP 35, RGE 25, SEC. 31; TWP 35, RGE 26, SEC. 2, 7, 10 TO 36; TWP 36, RGE 26, SEC. 1 TO 12; TWP 35, RGE 27, SEC. 1, 10, 12 TO 17, 24, 25, 36; TWP 36, RGE 27, SEC. 1; WHERE: SEE POOL ORDER FOR DETAILS.
MAKWA MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
MARENGO VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
MERRYFLAT SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
MILTON VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
MONCHY SECOND WHITE SPECKS GAS POOL	1/2	CENTER OF NE & SW 1/4 OF SECTION.

GAS POOL DEVELOPMENT DATA

POOL NAME	SPACING REGULATIONS * DRAINAGE UNIT SECTIONS	TARGET AREA
MUDIE LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PARADISE HILL COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PARADISE HILL WASECA SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PECK LAKE COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PECK LAKE NORTH SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PECK LAKE SOUTH SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PIERCELAND MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PIERCELAND WEST COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PRAIRIEDALE EAST VIKING GAS POOL	1/2	CENTER OF NE AND SW 1/4 OF SECTION
PRIMATE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PRIMROSE LAKE EAST MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
PRIMROSE LAKE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
REX LLOYDMINSTER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SALVADOR MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SENATE SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SENLAC MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SENLAC SPARKY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SENLAC WEST COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SPRUCE LAKE MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SPRUCE LAKE NORTH COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
SUPERB BAKKEN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TANGLEFLAGS COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TANGLEFLAGS MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TANGLEFLAGS SECOND WHITE SPECKS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TANGLEFLAGS ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
TOTNES VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
UNITY SOUTH SPARKY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
UNITY SOUTH UNITY GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
UNITY SOUTH VIKING GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VERENDRYE NORTH VIKING SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VIDORA BEARPAW SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VIDORA BEARPAW-BELLY RIVER SANDS GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
VIDORA BELLY RIVER SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHEAT VALLEY CANTUAR SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHELAN MANNVILLE SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHELAN ST. WALBURG SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHITESIDE RIBSTONE CREEK SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHITESIDE WEST RIBSTONE CREEK SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
WHITESIDE WEST VIKING SAND GAS POOL	1/2	NORTHWEST & SOUTHEAST 1/4 OF SECTION, EXCEPT TWP 30, RGE 26, SEC. 18 & 19; TWP 30, RGE 27, SEC. 13; WHERE NORTHEAST & SOUTHWEST 1/4 OF SECTION
WYMARK SECOND WHITE SPECKS GAS POOL	1/2	NE CORNER OF LSD 8 OR LSD 14.*
	1	EXCEPT TWP 13, RGE 13, SEC. 6, TWP 13, RGE 14, SEC. 1, 2, 11, 12; WHERE SEE POOL ORDER FOR TARGET AREAS
YONKER COLONY SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)
YONKER MCLAREN SAND GAS POOL	1	CENTER OF DRAINAGE UNIT (500 METRES FROM D.U. EDGE)

* SPACING REGULATIONS IN EFFECT ON JANUARY 1, 2003.

AREA SPACING DESCRIPTION

SPACING AREA	DRAINAGE UNIT SIZE (No. of Lsds)	TARGET AREA	EXCEPTIONS
		OIL AREAS	
A (MRO 235/95)	2	Odd numbered Lsd. (100 m from the sides of the Lsd.)	A well greater than 2.4 km from a well capable of production from the same zone may be drilled on the even or odd Lsd. Special provisions for fractional Sections and Sections adjacent to fractional Sections. Applies to vertical wells completed in a zone shallower than the base of the Birdbear Formation.
E (MRO 827/03)	1	Southeast quadrant of the Lsd.	Wells drilled along the fourth meridian have different drainage units and target areas. Applies to vertical wells completed in the Mannville Group, Success, Bakken, Birdbear, or Duperow Formations.
F (MRO 615/98)	4	100 m from the sides of the drainage unit.	Special provisions for fractional Sections and Sections adjacent to fractional Sections. Applies to vertical wells completed in a zone deeper than the base of the Birdbear Formation.
		GAS AREAS	
G (MRO 711/03)	16	200 m from the sides of the drainage unit.	Does not apply to zones covered by Spacing Area H in the region where Spacing Areas G and H overlap. Special provisions for fractional Sections and Sections adjacent to fractional Sections.
H (MRO 712/03)	4	235 m square in the north-east corner of the drainage unit.	Applies to zones shallower than the top of the Fish Scale Zone. Special provisions for fractional Sections and Sections adjacent to fractional Sections.

Notes: - Spacing regulations listed are those in effect as of October 1, 2003.
- Spacing Area regulations apply to wells inside a Spacing Area, but usually excludes wells drilled within a defined pool - see the appropriate Minister's Order (MRO) for complete Spacing Area provisions.
- See *The Oil and Gas Conservation Regulations, 1985* for general spacing regulations.

TYPICAL WELL LOGS

OF PRODUCING ZONES

LITHOLOGY LEGEND

Silt

Shale

Sandstone

Limestone

Calcareous shale

Argillaceous sandstone

Coal

Chert pebbles

Interbedded shale and sandstone

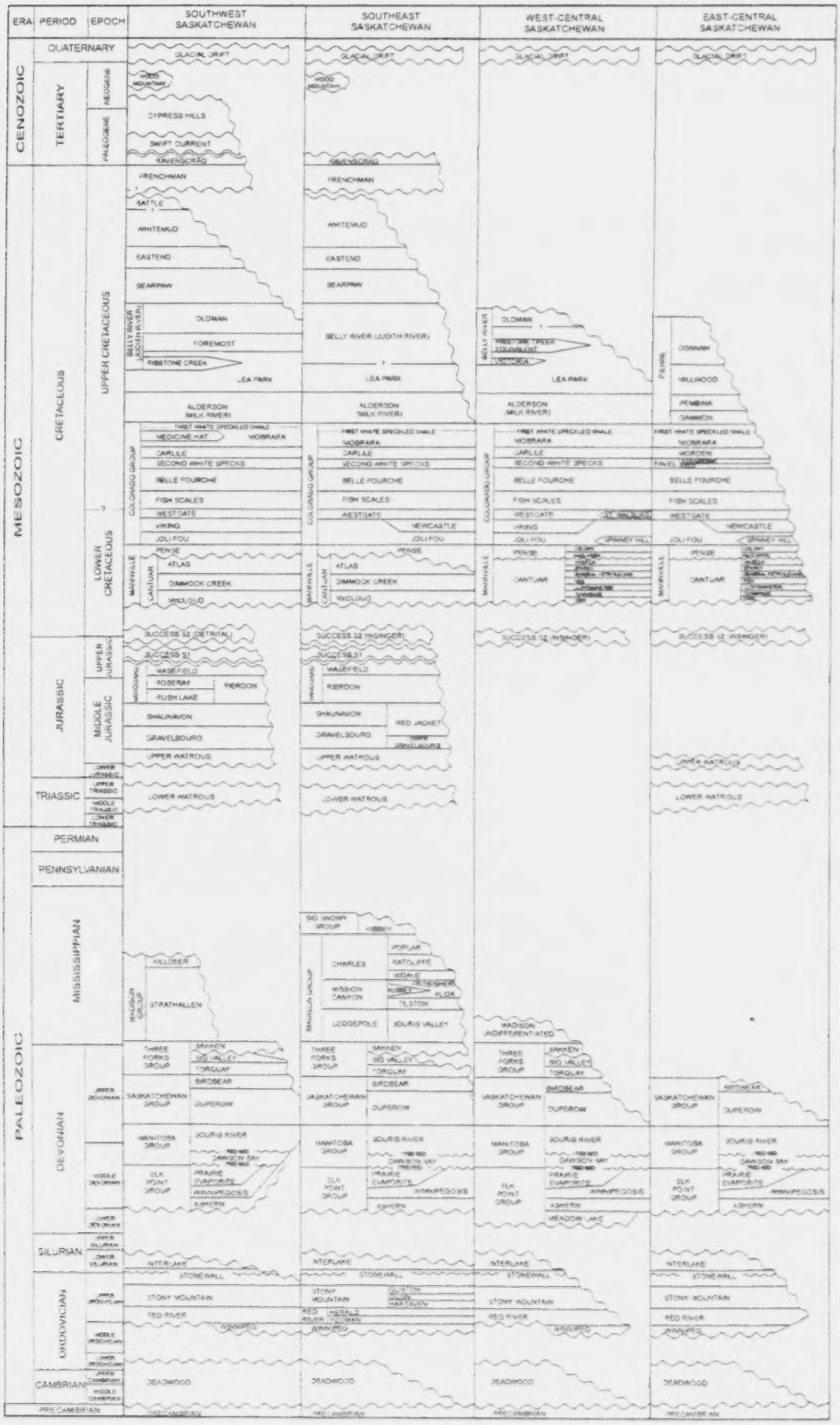
Dolomite or dolomitic limestone

Argillaceous and anhydritic dolomite

Oolitic

Anhydrite

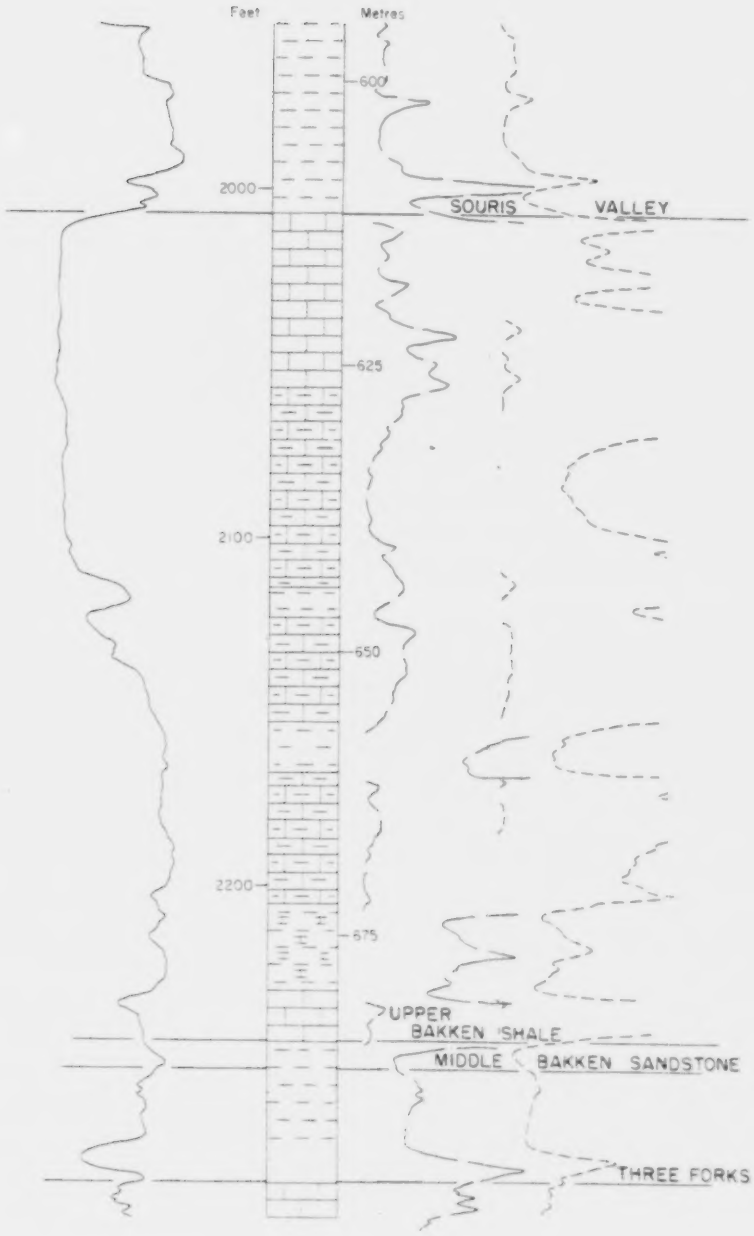
STRATIGRAPHIC CORRELATION CHART OF SASKATCHEWAN



TRANSWEST ROCANVILLE 4-4-16-31

4-4-16-31-W1

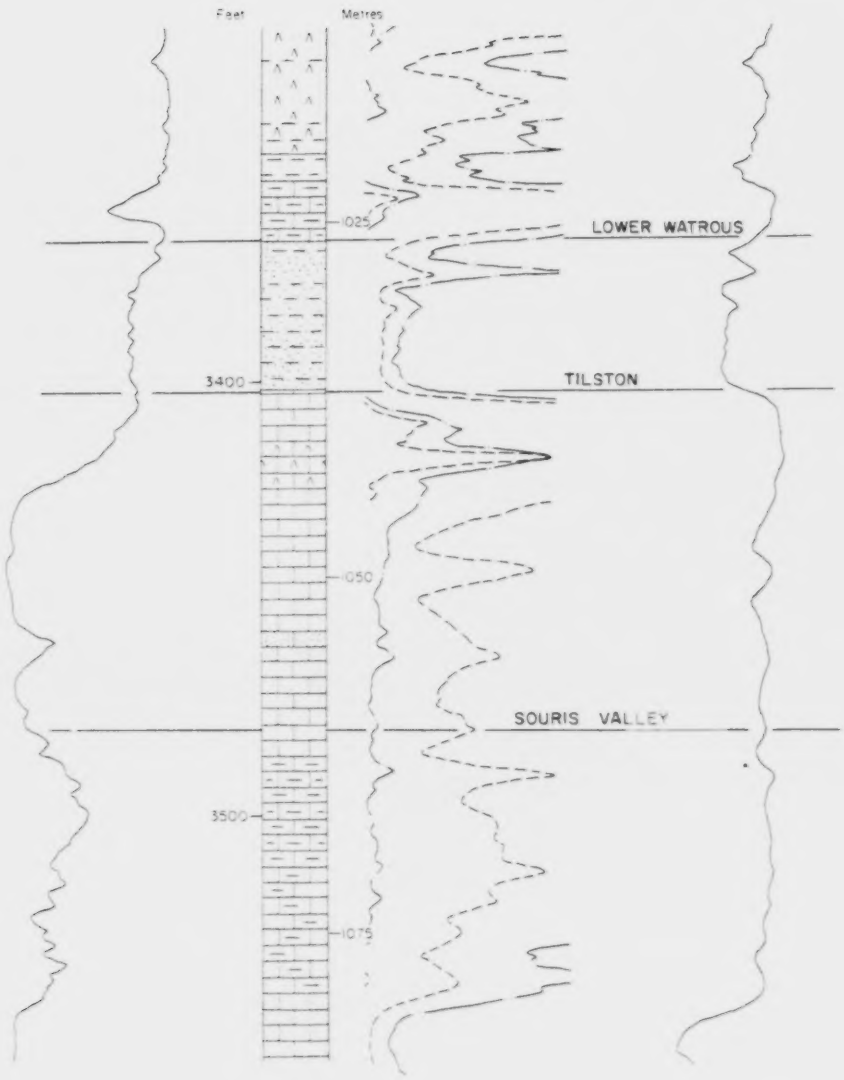
PRODUCING HORIZON : BAKKEN SAND



PEMOCO PARKMAN 2-3-9-33

2-3-9-33-W1

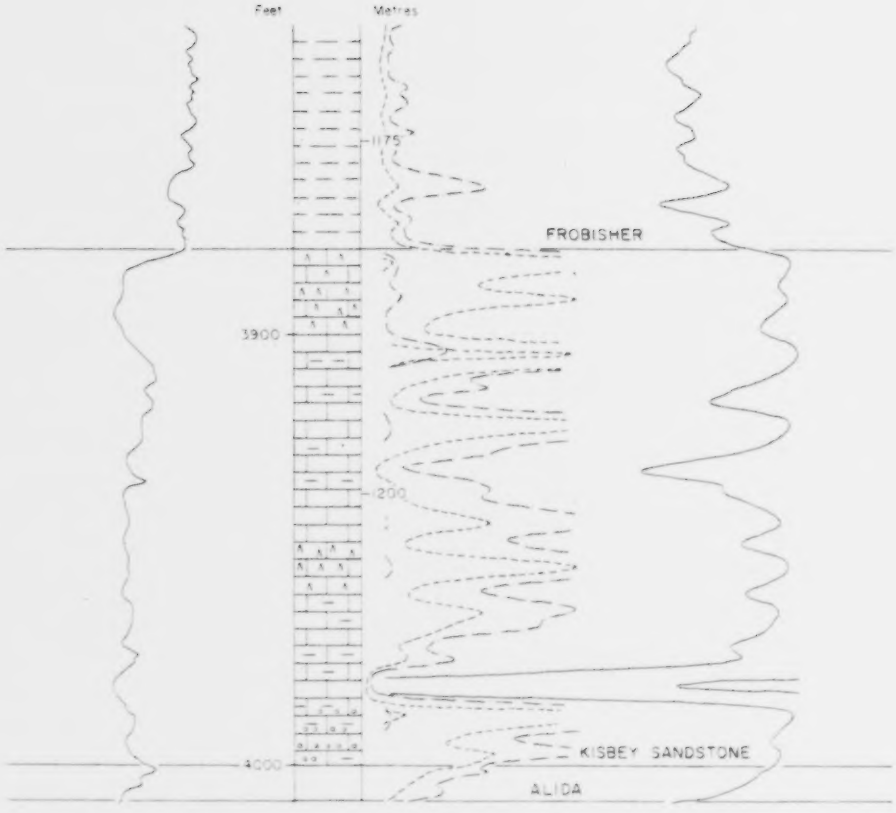
PRODUCING HORIZONS : TILSTON AND SOURIS VALLEY BEDS



MURPHY HASTINGS 7-24-4-34

7-24-4-34-W1

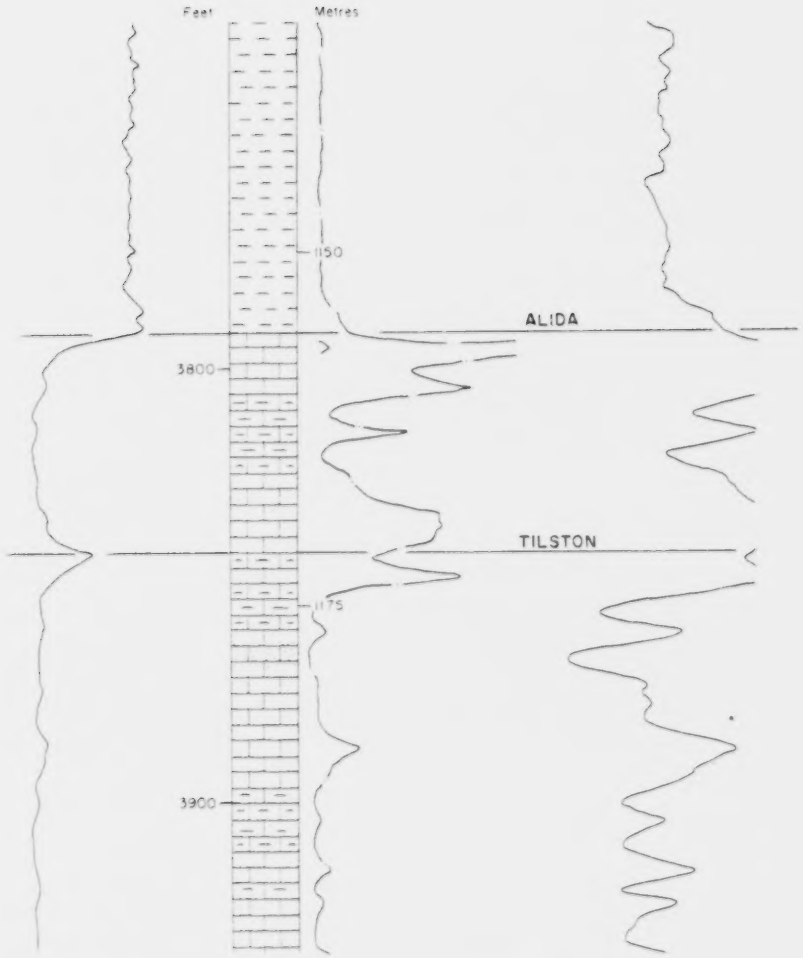
PRODUCING HORIZON : FROBISHER BEDS



UPTON QUEENSDALE 2-13-6-1

2-13-6-1-W2

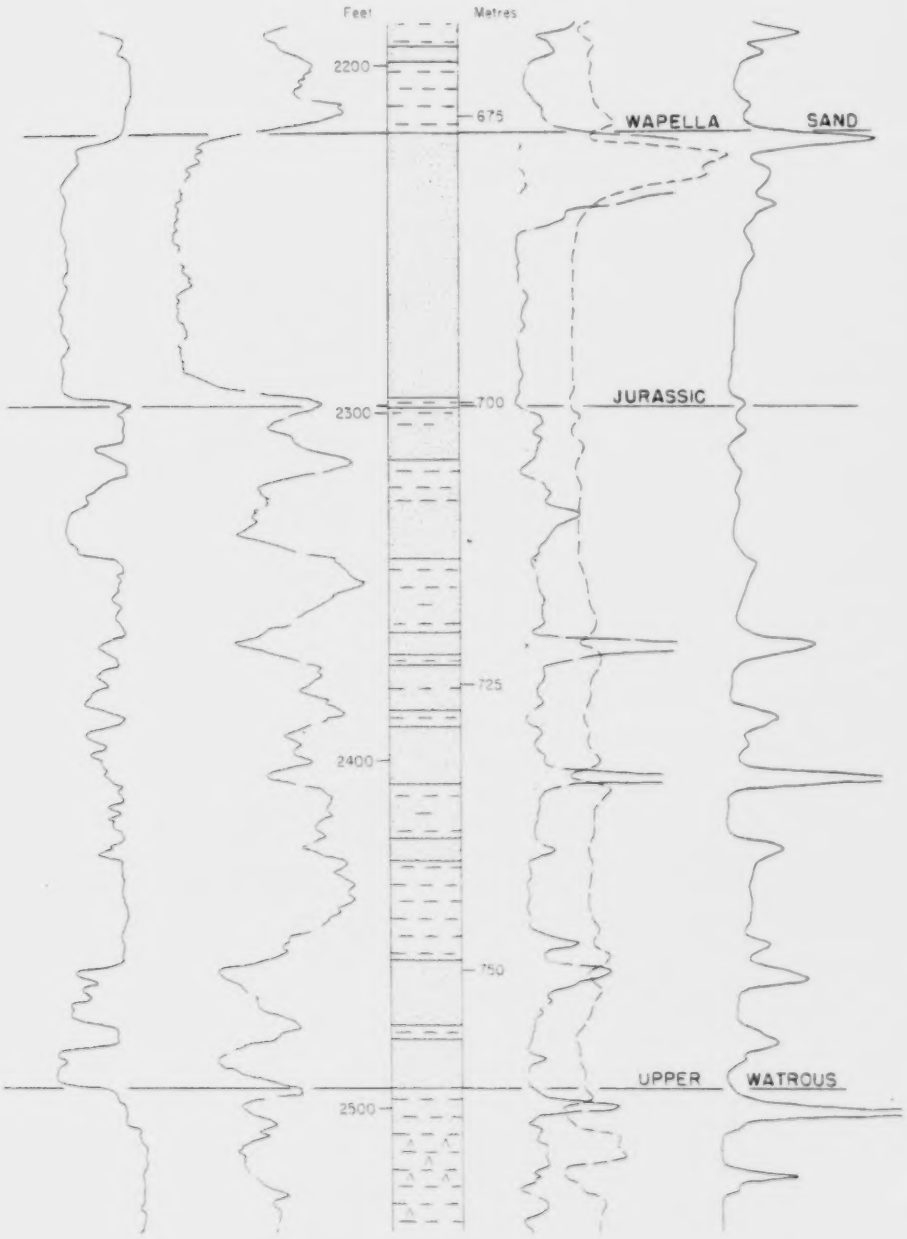
PRODUCING HORIZON : ALIDA BEDS



TIDEWATER WAPELLA 6-33

6-33-14-1-W2

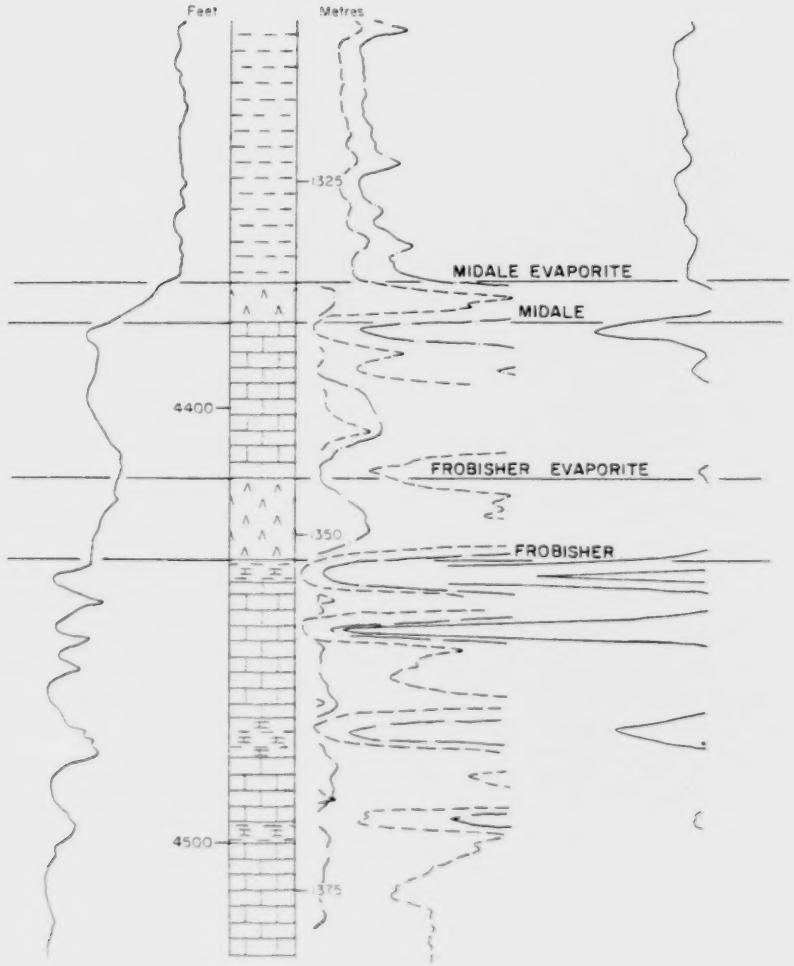
PRODUCING HORIZONS : WAPELLA AND JURASSIC SANDS



PHOENIX et al STEELMAN 5-24-5-6

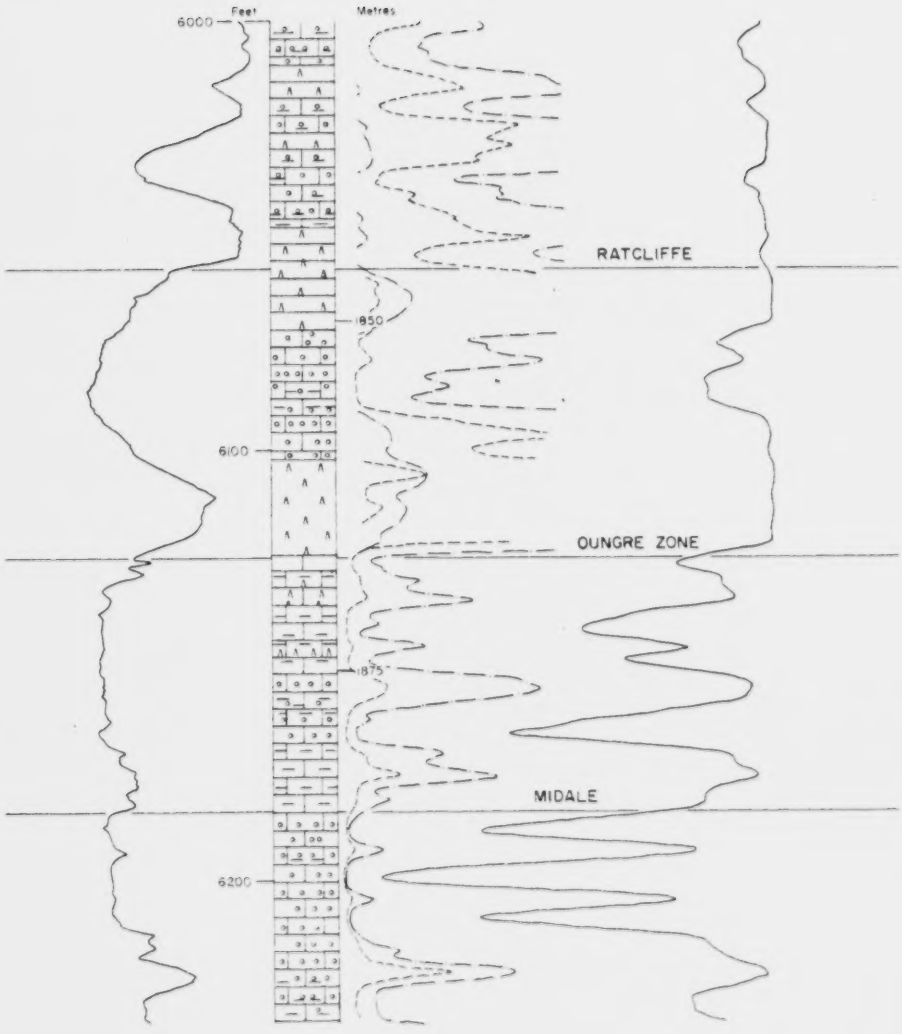
5-24-5-6-W2

PRODUCING HORIZONS : MIDALE AND FROBISHER BEDS



ARC ET AL OUNGRE 9-24-2-15

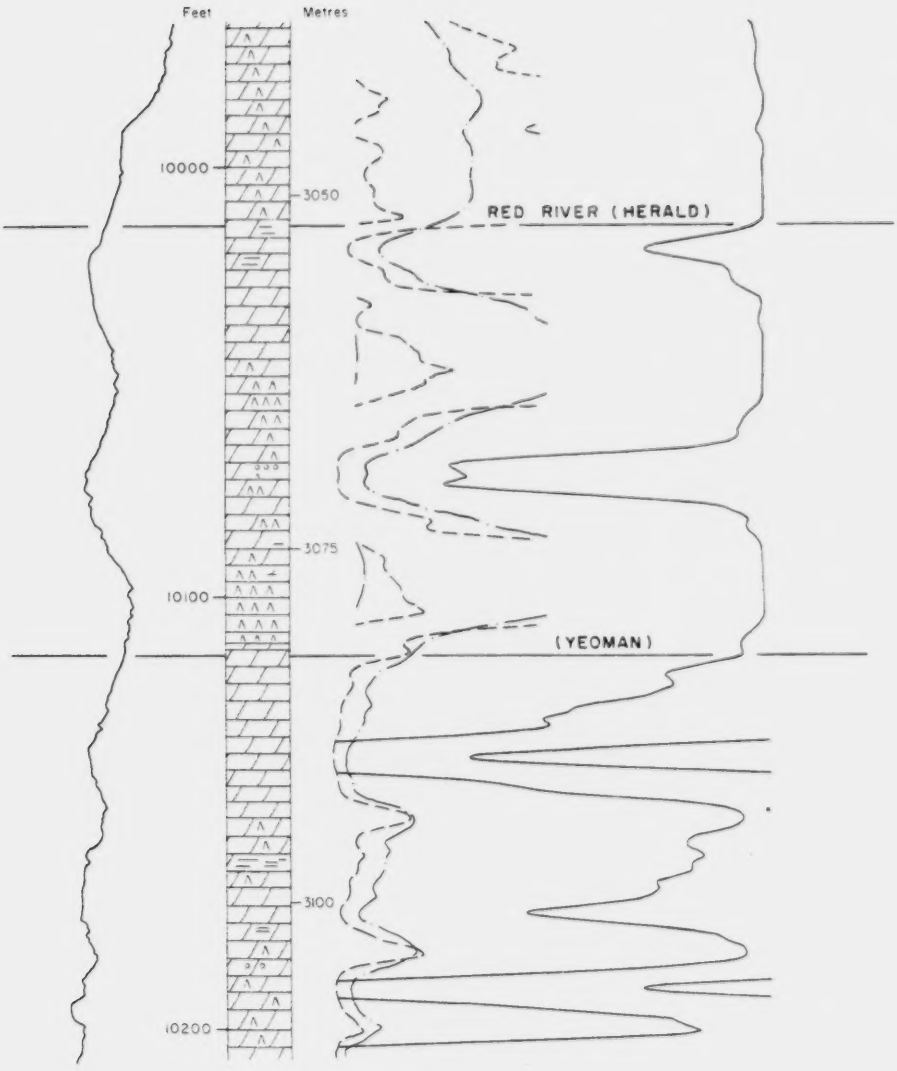
PRODUCING HORIZON : RATCLIFFE BEDS



C.D.R. S LAKE ALMA 1-14-1-17

1-14-1-17-W2

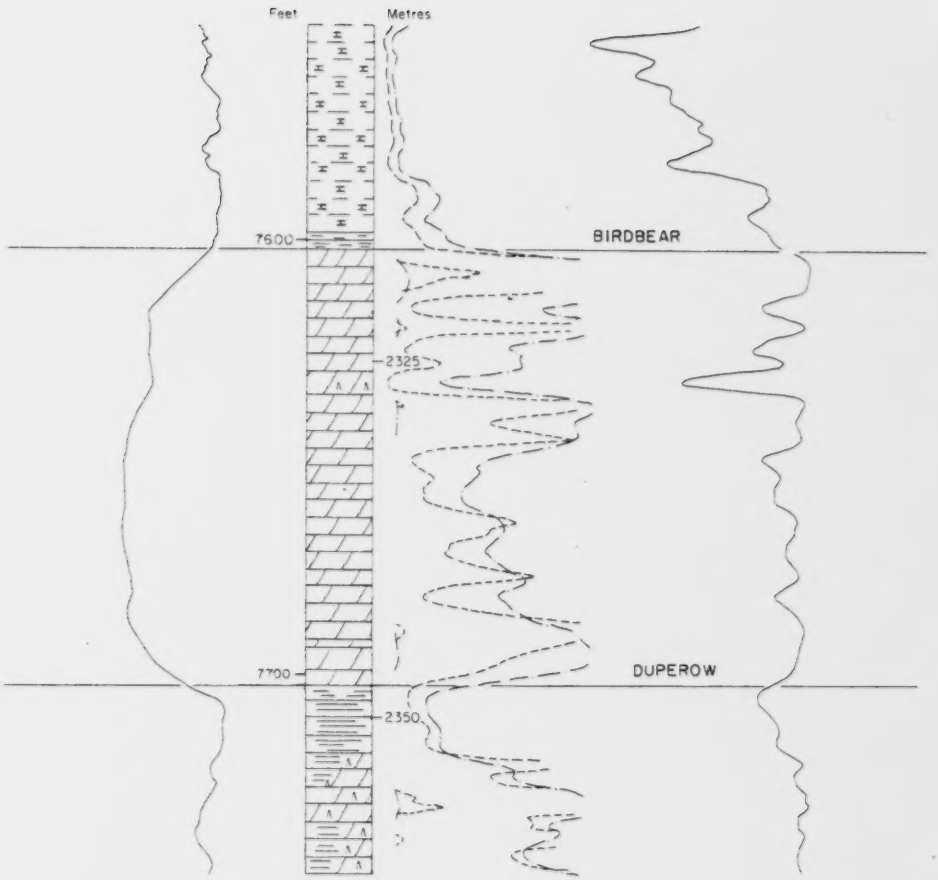
PRODUCING HORIZON : RED RIVER FORMATION



NORTHROCK HUMMINGBIRD 11-26-2-19

11-26-2-19-W2

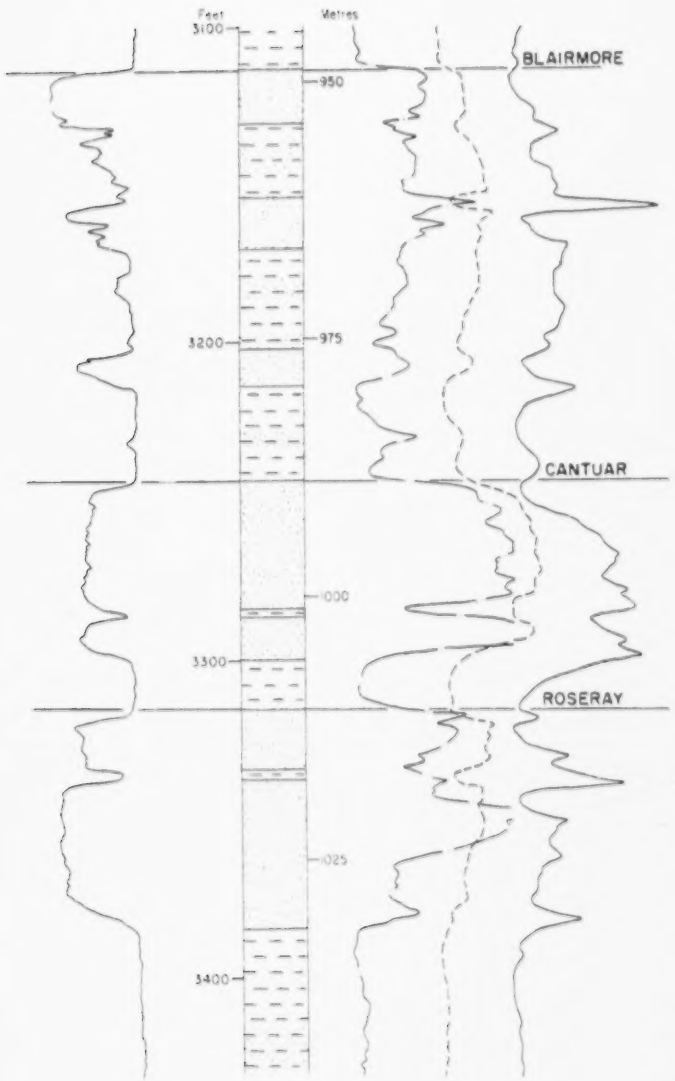
PRODUCING HORIZON : BIRDBEAR FORMATION



SASKOIL M.U.S. CANTUAR 5-2-16-17

5-2-16-17-W3

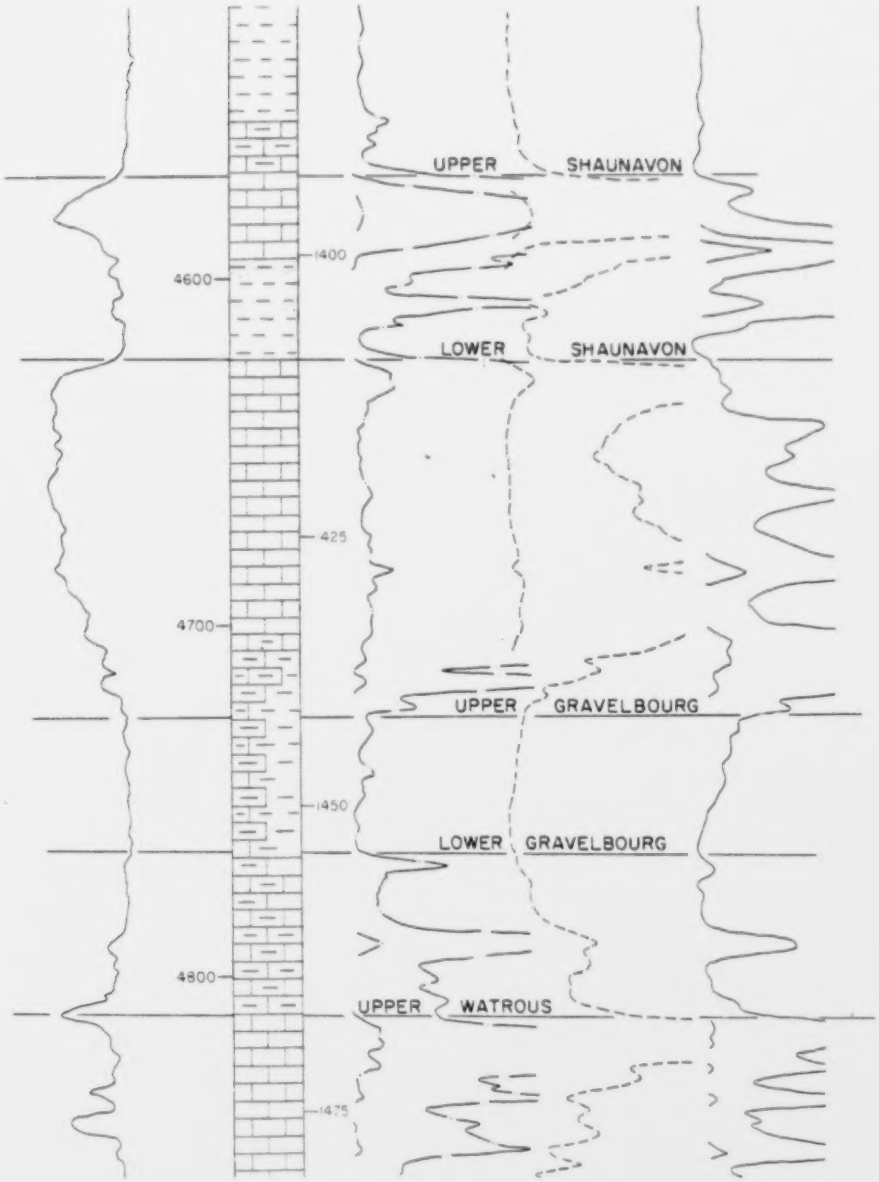
PRODUCING HORIZONS : CANTUAR AND ROSERAY SANDS



TIDEWATER INSTOW CROWN 11-33

11-33-9-18-W3

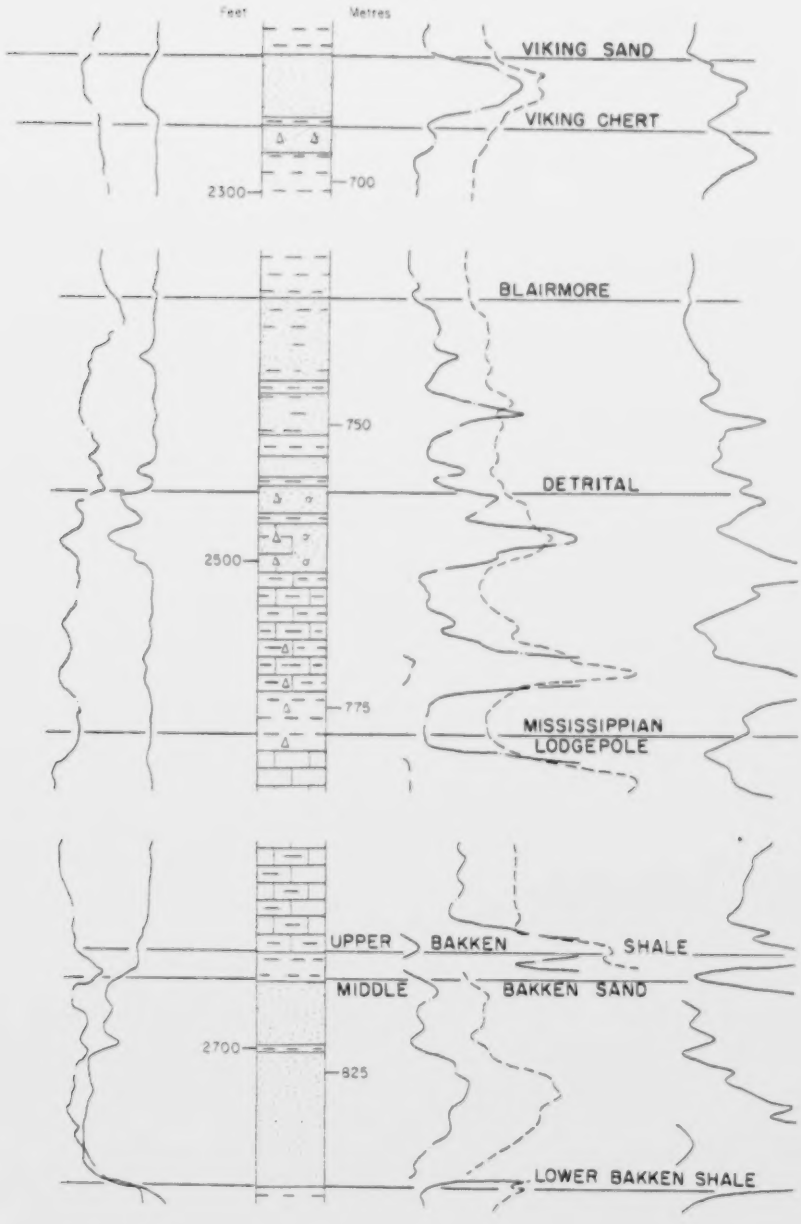
PRODUCING HORIZONS : UPPER AND LOWER SHAUNAVON FORMATIONS



COLEVILLE UNIT 5-30-31-23

5-30-31-23-W3

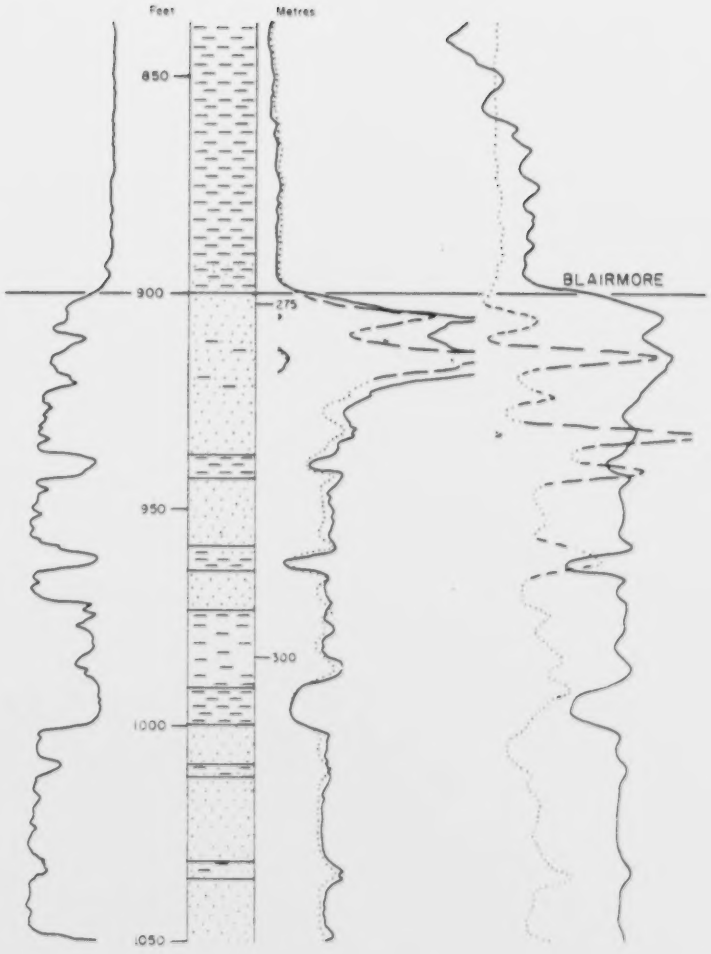
PRODUCING HORIZONS : VIKING AND MIDDLE BAKKEN SANDS



TRANSGAS BEACON HILL 10-17-61-24

10-17-61-24-W3

PRODUCING HORIZON : BLAIRMORE



ENRON ET AL INGEBRIGT 11-21-17-25

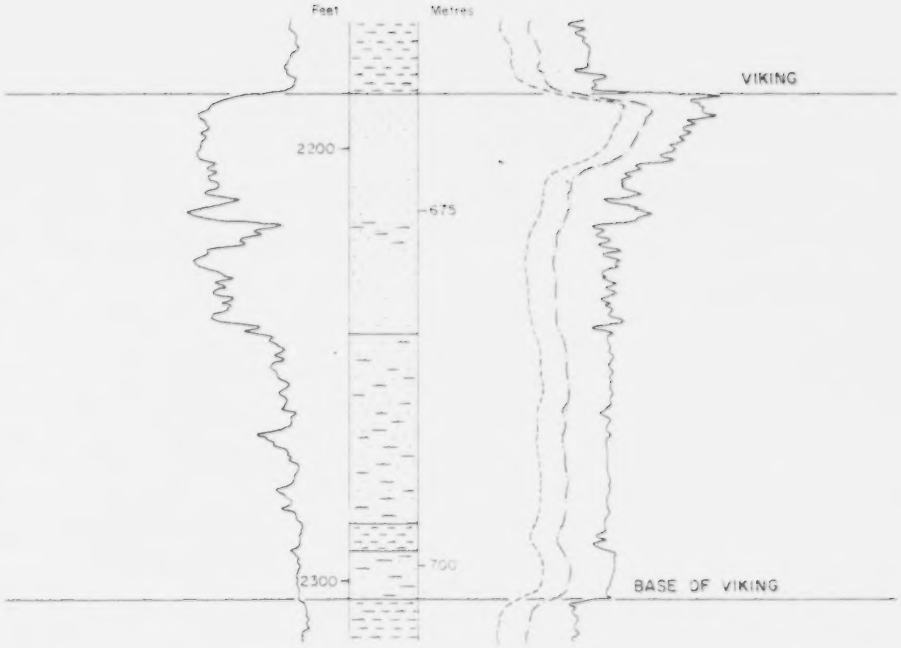
11-21-17-25-W3

PRODUCING HORIZON : MILK RIVER SAND

IMP BAYHURST 11-19V-24-25

11-19-24-25-W3

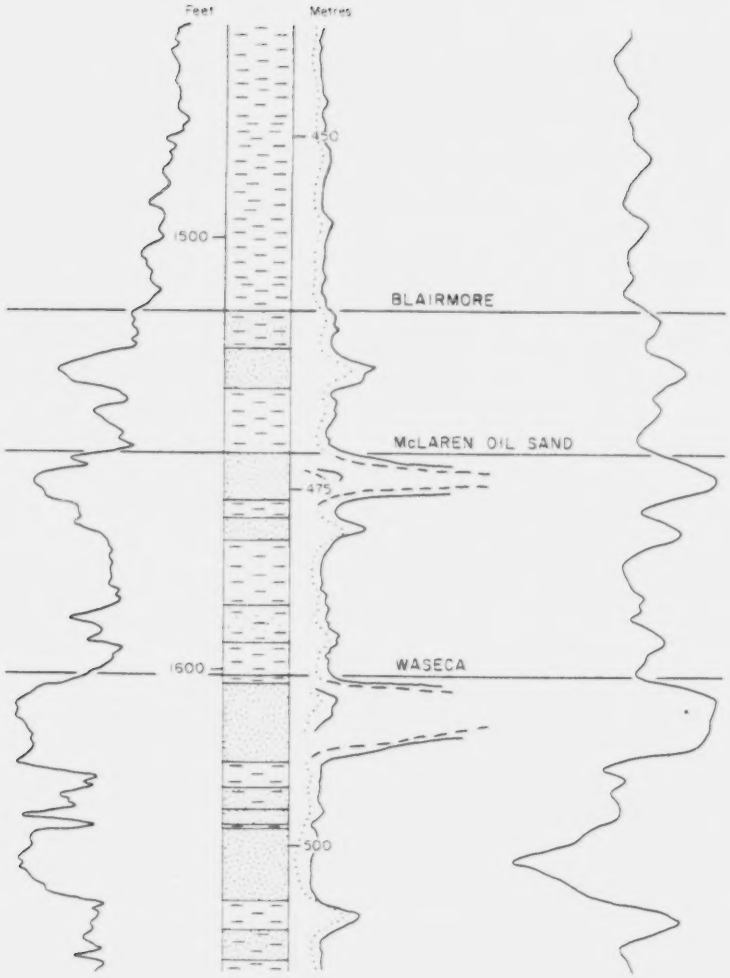
PRODUCING HORIZON : VIKING SAND



HUSKY BIG GULLY C6-27-49-25

C6-27-49-25-W3

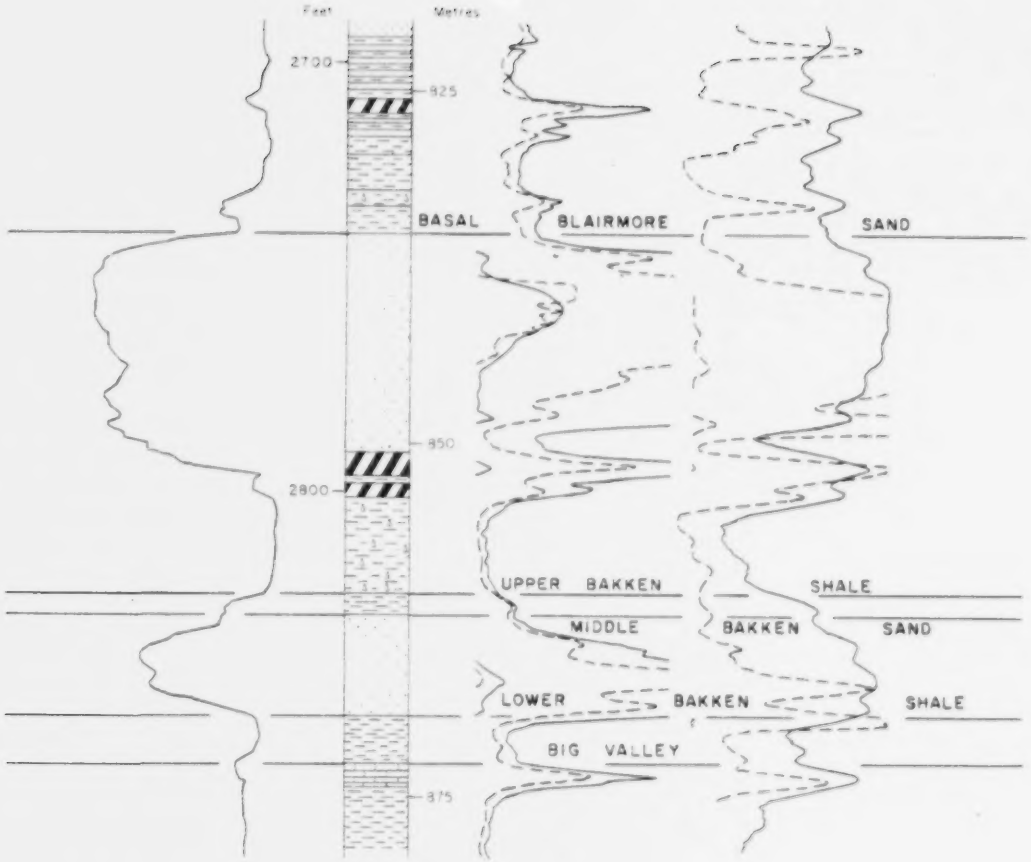
PRODUCING HORIZONS : McLAREN AND WASECA SANDS



FRASER NORTH HOOSIER VU 6-14-32-27

6-14-32-27-W3

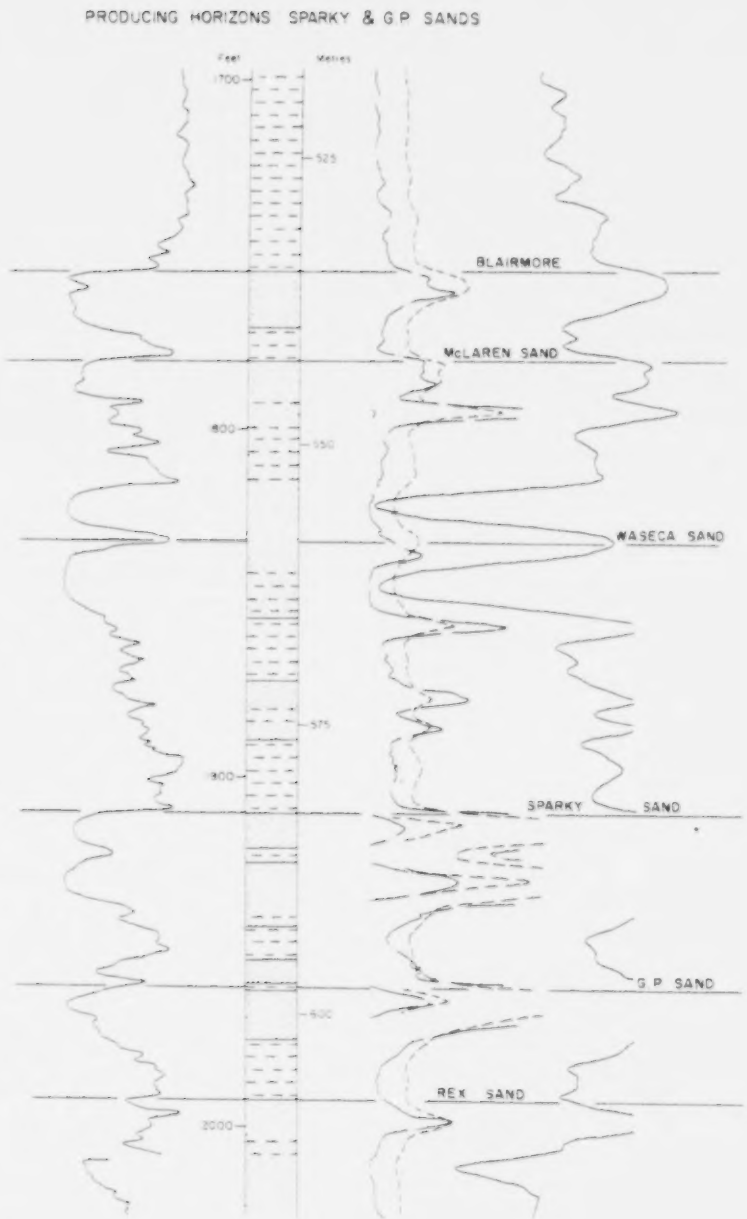
PRODUCING HORIZON : BASAL BLAIRMORE



PVR EPPING A14-30-47-27

14-30-47-27-W3

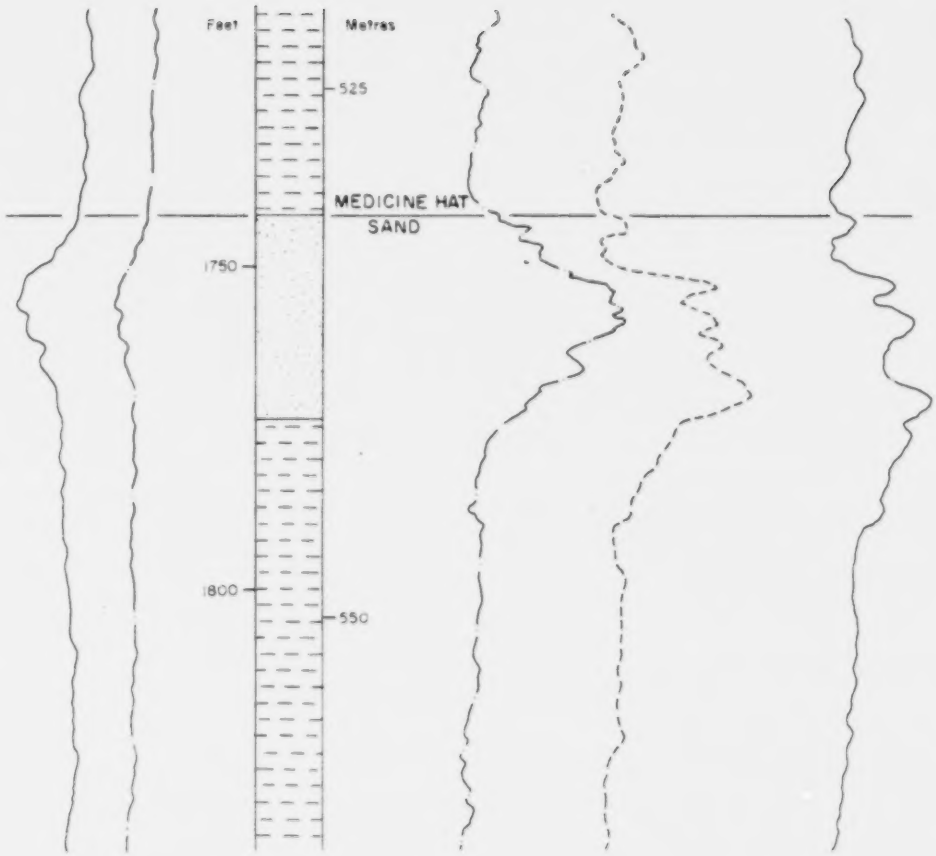
PRODUCING HORIZONS : SPARKY & G.P. SANDS



N C O HORSHAM 10-7-16-29

10-7-16-29-W3

PRODUCING HORIZON : MEDICINE HAT SAND



POOL PRESSURE DATA

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Aberfeldy G.P. Sand	67.2				
Aberfeldy Sparky Sand	80.8				
Alameda Midale Beds:					
(Central Group)	-792.5	7.24	57	15.39	10.64 MPa @ 57°C
(East Group)	-746.8	7.24	57	15.27	10.80 MPa @ 57°C
Alameda West Frobisher Beds	-786.6				
Alameda West Midale Beds	-765.5				
Alida East Frobisher-Alida Beds	-536.4	7.67	44	10.47	10.47 MPa @ 43°C
Alida North Alida Beds	-564.8				
Alida West Frobisher-Alida Beds	-545.6	7.67	45	10.54	10.54 MPa @ 45°C
Alsask Basal Mannville Sand	-91.4	9.27	33		
Antelope Lake East Roseray Sand	-235.6				
Antelope Lake Upper Shaunavon	-300.2	8.82	49	10	
Arcola Frobisher-Alida Beds	-570.0	8.37	53	11	8.77 MPa @ 53°C
Arcola North Alida Beds	-538.0				
Auburnton Frobisher-Alida Beds	-607.7				
Avon Hill Viking	-13.7	8.37	23	6.72	
Baldwinton Sparky Sand	43.7				
Battle Creek Madison	-437.7				
Battle Creek South Upper Shaunavon	-385.9				
Battle Creek Upper Shaunavon	-375.7				
Battrum East Roseray Sand	-193.4				
Battrum North Roseray Sand	-172.4				
Battrum Roseray Sand	-179.8	8.82	46	8.56	1.39 MPa @ 43°C
Bellegarde Tilston Beds	-455.6				
Bench Upper Shaunavon	-438.9	8.82		12.45	
Bender South Tilston Beds	-467.9				
Bennett Lake Alida Beds	-503.0		52		
Benson East Midale Beds	-721.2				
Benson Frobisher Beds	-741.8				
Benson Midale Beds	-754.4	7.92	68	14.38	
Beverley Cantuar Sand	-243.8	9.05	48	9.11	9.11 MPa @ 48°C
Beverley East Cantuar Sand	-232.3				
Beverley North Cantuar Sand	-232.9				
Beverley Roseray Sand	-246.9	8.78			
Bienfait Midale Beds	-1005.7				
Big Gully McLaren Sand	141.7				
Big Gully North Lloydminster Sand	60.4				
Big Gully Waseca Sand	125.0				
Bone Creek Upper Shaunavon	-464.8	8.60	48	12.27	4.78 MPa @ 49°C
Bromhead Midale Beds	-1098.0	8.60		17.65	
Browning Frobisher-Alida Beds	-682.8	7.24	59	12.55	
Bryant Frobisher Beds	-836.2				
Bryant Midale Beds	-807.4				
Buffalo Coulee Bakken Sand	-108.2	9.66	26		2.21 MPa @ 26°C
Buffalo Coulee North Bakken Sand	-93.0				
Butte Upper Shaunavon	-417.6	8.82	49	12.37	1.23 MPa @ 49°C
Butte West Upper Shaunavon	-387.2				
Buzzard Lloydminster Sand	38.4				
Cactus Lake Basal Mannville Bakken Sand	-97.1				
Cactus Lake North McLaren Sand	-42.0		29		

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Cantal Frobisher-Alida Beds	-579.1	6.79	47	10.87	10.85 MPa @ 47°C
Cantal South Frobisher-Alida Beds	-579.1				
Cantuar East Cantuar Sand	-228.6	8.60	51		
Cantuar East Roseray Sand	-228.6	8.60	51		
Cantuar Roseray Sand	-228.6	8.78	51	9.1	9.10 MPa @ 52°C
Cantuar Main Cantuar Sand	-227.1	8.78	51	8.95	8.95 MPa @ 52°C
Cantuar North Roseray Sand	-238.8				
Carnduff Frobisher Beds	-752.9	7.24	59	12.98	
Carnduff Midale Beds	-723.9	7.24	58	15.17	
Celtic G.P. Sand	108.5				
Celtic Sparky Sand	118.9				
Celtic Waseca Sand	140.2				
Chambery Upper Shaunavon	-488.7				
Clarilaw Frobisher-Alida Beds	-623.3	7.24	58	11.78	
Clarilaw West Frobisher-Alida Beds	-619.7				
Clintonville Shaunavon	-456.8				
Coleville Bakken Sand	-109.7	9.50			
Coleville Mannville Sand	-54.9				
Coleville South Bakken Sand	-127.4				
Coleville South Mannville Sand	-68.1				
Colgate Midale Beds	-902.4				
Coothill Red Jacket Sand	-136.0	9.10	27	5.42	
Cosine Lake Lloydminster Sand	-100.6				
Court Bakken Sand	-129.8				
Covington Upper Shaunavon	-416.1	8.82	52	11.94	3.52 MPa @ 51°C
Covington West Upper Shaunavon	-417.6	8.82			
Crystal Hill Souris Valley Beds	-434.3	8.37		9.19	
Dalesboro Frobisher-Alida Beds	-670.6	8.37	56	12	
Dalesboro North Frobisher-Alida Beds	-654.0	8.37	47	11.96	
Dee Valley East Sparky Sand	79.2				
Dee Valley East Waseca Sand	102.1				
Dee Valley Waseca Sand	-103.6				
Delta Upper Shaunavon	-306.3	8.82	46	10.57	7.46 MPa @ 47°C
Dodsland Viking Sand	4.6	7.99	23	6.41	6.41 MPa @ 23°C
Dollard Lower Shaunavon	-459.6				
Dollard Upper Shaunavon	-434.3	8.60	59	11.8	6.32 MPa @ 60°C
Druid Mannville Sands	-59.0				
Dulwich North Sparky Sand	86.9				
Dulwich Sparky Sand	79.2				
Ear Lake Waseca Sand	12.3				
Eastbrook Shaunavon	-461.8	9.05	54	15.7	
Eastend Shaunavon	-470.3				
Edam North Waseca Sand	121.3				
Edam Waseca Sand	119.2				
Edam West Sparky/G.P. Sand	92.7				
Edam West Waseca Sand	115.6				
Edenvale Tilston Beds	-533.4	7.69	43		
Elmore Frobisher Beds	-701.0	7.92	52	12.05	6.83 MPa @ 51°C
Elmore Midale Beds	-685.8	7.69	52	14.33	
Elswick East Midale Beds	-953.0	7.92	59	14.27	
Elswick Midale Beds	-949.0	7.92	59		

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Epping G.P. Sand	57.9				
Epping South Sparky Sand	59.7				
Epping Sparky Sand	67.1				
Eureka Viking	-18.3	7.99	23	6.12	4.43 MPa @ 26°C
Evesham North McLaren Sand	2.0				
Evesham North Sparky Sand	-32.4				
Evesham Sparky Sand	-33.2				
Eyehill Cummings-Dina Sand	-89.9				
Eyehill North Cummings Sand	-86.4				
Eyehill North Sparky Sand	-30.2				
Fertile Tilston Beds	-437.0				
Fertile Tilston-Souris Valley Beds	-434.4				
Flat Lake Ratcliffe Beds	-1271.0	8.37	73	20.15	9.80 MPa @ 81°C
Florence Frobisher Beds	-789.4	8.37	57	13.28	
Forest Bank Mannville Sands	115.8				
Forest Bank Sparky Sand	99.1				
Forest Bank Waseca Sand	120.4				
Forgan Viking Sand	-9.2				
Fosterton Roseray Sand:	0.0				
Middle (II) Roseray Sand	-221.0	8.82	52	9.1	
Lower (I) Roseray Sand	-221.0	8.82	52	9.1	
Northwest Group	-218.5	8.82	52		
Fosterton South Cantuar Sand	-225.3				
Fosterton South Roseray Sand	-229.6				
Freda Lake Ratcliffe Beds	-960.1	8.37		18.56	
Freemont Sparky Sand	43.8				
Freemont Waseca Sand	62.5				
Freestone Frobisher-Alida Beds	-570.0	7.92	54	11.29	
Frys East Tilston-Souris Valley Beds	-395.4				
Frys Tilston-Souris Valley Beds	-402.3	8.37			
Furness Sparky Sand	73.2				
Fusilier Bakken Sand	-121.9	9.27			
Gainsborough Frobisher-Alida Beds	-579.1	7.24	44		
Gainsborough North Frobisher-Alida Beds	-572.2				
Gainsborough West Frobisher-Alida Beds	-614.5		47	11.28	
Glen Ewen Frobisher Beds	-751.3	7.24	56		
Glen Ewen Midale Beds	-728.5	7.24	56	15.17	
Golden Lake North Sparky Sand	96.0				
Golden Lake North Waseca Sand	121.9				
Golden Lake South Sparky Sand	96.0				
Golden Lake South Waseca Sand	115.8				
Griffin Frobisher Beds	-690.4	8.60	62		
Griffin North Frobisher Beds	-662.3				
Gull Lake Basal Cantuar Sand	-300.2	8.82	47		8.79 MPa @ 47°C
Gull Lake Central Upper Shaunavon	-387.1	8.82	51		
Gull Lake North Upper Shaunavon	-365.8	8.82	48	11.11	1.10 MPa @ 46°C
Gull Lake South Upper Shaunavon	-402.3	8.82	52	11.71	
Gully Lake Waseca Sand	103.6				
Handsworth Alida Beds	-536.4	8.60	51	10.99	
Hartaven Frobisher-Alida Beds	-577.6	8.60	56	11.58	
Hastings East Frobisher Beds	-598.7				

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Hastings Frobisher Beds	-643.1	6.79	49	11.65	11.65 MPa @ 50°C
Hastings West Frobisher Beds	-668.5				
Hazelwood Central Tilston Beds	-440.0				
Hazelwood South Tilston Beds	-437.0				
Hazelwood Tilston Beds	-425.2	8.37	43	9.53	
Hazelwood West Tilston Beds	-428.7				
Hazlet Roseray Sand	-205.7	9.05	47	9.13	5.60 MPa @ 47°C
Hearts Hill Bakken Sand	-64.9				
Hillmond G.P. Sand	102.0				
Hillmond Sparky Sand	108.8				
Hoffer Ratcliffe Beds (Lower)	-1248.2	8.60		19.47	
Hoffer Ratcliffe Beds (Upper)	-1231.4	8.60		19.33	
Hoosier Bakken Sand	-150.9	9.50			
Hume Frobisher Beds	-739.1	8.60	64	13.21	
Hume Midale Beds	-723.9	8.60		14.23	
Hummingbird Bakken Sand	-1488.0				
Hummingbird Birdbear	-1585.0	8.14	82	23.16	8.09 MPa @ 82°C
Hummingbird Ratcliffe Beds	-1155.2	8.60	71	18.7	6.03 MPa @ 71°C
Huntoon Frobisher Beds	-754.4	8.60	61		
Huntoon Midale Beds	-737.6	8.60	55		
Illerbrun Upper Shaunavon	-414.5	8.82	49	11.86	3.15 MPa @ 49°C
Ingoldsby East Alida Beds	-541.0	8.94	46	9.42	
Ingoldsby Frobisher-Alida Beds	-548.6	7.89	46	10.51	4.81 MPa @ 45°C
Ingoldsby West Frobisher-Alida Beds	-659.6				
Innes Frobisher Beds	-719.3	8.60	63	12.98	7.78 MPa @ 61°C
Instow Upper Shaunavon	-464.8	8.60	48	12.27	4.78 MPa @ 49°C
Java Cantuar Sand	-242.3				
Johnston Upper Shaunavon	-371.9	8.82	48	9.24	
Kennedy Souris Valley Beds	-419.8				
Kenosee Tilston Beds	-426.7	7.92	46	9.38	
Kerrobert Viking Sand	-3.0				
Kisbey Birdbear	-1018.3				
Kisbey Frobisher-Alida Beds	-587.8				
Lake Alma Ratcliffe Beds	-1268.0	8.37	67	20.27	
Landrose McLaren Sand	144.8				
Landrose Waseca Sand	129.5				
Lashburn South Sparky Sand	93.7				
Lashburn South Waseca Sand	117.3				
Lashburn Waseca Sand	126.5				
Lashburn West Sparky Sand	81.4				
Leitchville Shaunavon	-452.6	8.60	50	12.51	4.78 MPa @ 49°C
Leon Lake Shaunavon	-457.2	8.60	52	10.69	5.52 MPa @ 41°C
Lightning Tilston Beds	-449.6	7.92	46	9.39	
Lloydminster Sparky Sand	83.8				
Lone Rock Sparky Sand	71.6				
Long Lake Waseca Sand	29.0		26		
Lost Horse Hill Frobisher-Alida Beds	-559.3	8.14	57	11.4	3.36 MPa @ 55°C
Lougheed Midale Beds	-807.7	8.14	61		
Loverna Success	-126.5	8.60			
Low Lake Waseca Sand	111.3				
Lucky Hills Viking	-7.6	8.37			

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Luseland Bakken Sand	-44.9				
Macklin Sparky Sand	-39.6				
Macoun Midale Beds	-946.4	8.82	63		9.32 MPa @ 63°C
Macoun West Midale Beds	-978.3				
Macoun Winnipegosis	-1838.8				
Maidstone McLaren Sand	126.1				
Maidstone Waseca Sand	113.4				
Main Success Roseray Sand	-225.6	8.60	50	9.06	8.67 MPa @ 59°C
Manito Lake East McLaren Sand	63.4				
Manito Lake Sparky Sand	27.7				
Manor Lower Watrous-Alida Beds	-572.0	7.69	44	10.5	
Marsden North Sparky Sand	37.0		20		
Marsden South Sparky Sand	31.7				
Marsden Sparky Sand	36.1				
Melrose Frobisher-Alida Beds	-551.7	8.14	54		
Midale Central Frobisher Beds	-786.4	7.69	63	14.31	5.24 MPa @ 57°C
Midale Central Midale Beds	-800.1	7.92	63	14.31	6.09 MPa @ 63°C
Minard Midale Beds	-738.5				
Moose Mountain Tilston Beds	-435.9	8.48	46	9.45	3.14 MPa @ 41°C
Moose Valley South Tilston Beds	-461.4				
Moose Valley Tilston Beds	-428.2	8.60			
Moosomin Red Jacket Sand	-40.0	9.94	22	4.71	
Morrisview Frobisher-Alida Beds	-661.4	8.37	48	12.37	
Neilburg McLaren Sand	103.9				
Neptune North Midale Beds	-889.8				
Neptune Ratcliffe Beds	-1034.8	8.37			
North Antler Midale Beds	-658.4	8.14	56	13.98	
Northgate Frobisher Beds	-1033.3	8.14	63		
Northgate Midale Beds	-1021.1	7.24	71	18.03	14.48 MPa @ 70°C
North Handsworth Alida Beds	-538.0	8.60	55	11.08	
North Hoosier Bakken Sand	-135.3	9.50	31	7.74	7.79 MPa @ 31°C
North Hoosier Basal Mannville Sand	-120.4	9.34	29	5.85	
Northminster North G.P. Sand	83.2				
Northminster North Sparky Sand	94.1				
Northminster Sparky Sand	91.4				
North Portal Midale Beds	-1053.2				
North Premier Roseray Sand	-228.6	8.60	47	9.25	3.12 MPa @ 47°C
North Premier Upper Shaunavon	-310.9	8.82	57	10.31	0.89 MPa @ 49°C
North Smiley Bakken Sand	-97.0				
Nottingham Alida Beds	-548.6	7.15	43	10.6	10.66 MPa @ 44°C
Notukeu Upper Shaunavon	-461.2				
Oakley Frobisher Beds	-582.2	6.72	46	10.95	10.95 MPa @ 47°C
Onward Basal Mannville Sand	-103.0		29		
Openshaw Frobisher Beds	-897.1				
Oungre Ratcliffe Beds	-1188.7	8.14	70	18.96	8.07 MPa @ 74°C
Parkman Souris Valley Beds	-416.1	8.37	49	9.09	
Parkman South Tilston-Souris Valley Beds	-455.7	8.23	38	9.45	
Parkman Tilston Beds	-442.0	7.92	43	9.51	2.79 MPa @ 43°C
Parkman Tilston-Souris Valley Beds	-402.3	7.92	38	9.1	2.41 MPa @ 38°C
Pennant Upper Shaunavon	-265.2	9.05			
Pikes Peak G.P. Sand	81.0				

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Pikes Peak Sparky Sand	91.4				
Pikes Peak Waseca Sand	123.4				
Pinto Frobisher Beds	-1036.3	7.01	66	16.55	
Pinto Midale Beds	-1024.1	7.01	70	17.24	13.85 MPa @ 70°C
Plato North Viking Sand	-20.8				
Plato Viking Sand	-9.1	8.37	24	6.89	3.28 MPa @ 21°C
Plenty Viking Sand	2.7				
Plover Lake Bakken Sand	-86.6				
Plover Lake McLaren Sand	-32.6				
Prairiedale Viking Sand	-22.1				
Queensdale East Frobisher-Alida Beds	-573.0	5.78	47	10.84	7.72 MPa @ 46°C
Queensdale North Alida Beds	-588.3	7.58	49	10.85	
Queensdale West Alida Beds	-600.5	7.58	48	11.25	11.24 MPa @ 48°C
Ralph Midale Beds	-723.9	7.92			
Ralph West Midale Beds	-730.7				
Rapdan Upper Shaunavon	-449.6	8.60	49	13.72	5.61 MPa @ 56°C
Rapdan West Shaunavon	-471.0				
Red Jacket Gravelbourg	-153.7				
Red Jacket	-82.7				
Rocanville Bakken Sand	-160.0	8.37	27	6.23	
Roncott Bakken Sand	-1121.7	8.08	59		2.05 MPa @ 52°C
Rosebank Alida Beds	-536.4	7.19	44	10.49	
Rosebank South Alida Beds	-533.4	7.46	43		
Rush Lake Sparky Sand	88.3				
Rush Lake Waseca Sand	113.9				
Salt Lake Lloydminster Sand	-56.2				
Senlac Cummings-Dina Sand	-76.0		29		
Senlac Lloydminster Sand	-78.2				
Senlac Waseca Sand	3.0		26		
Sherwood Frobisher Beds	-701.0	7.92	56	12.27	8.76 MPa @ 56°C
Silverdale Sparky Sand	68.6				
Silverton Frobisher Beds	-618.7	8.37	49		
Skinner Lake Ratcliffe Beds	-1008.9	8.37			
Smiley Dewar Viking	-15.2	7.99	23	6.47	6.36 MPa @ 22°C
Smiley Dewar Viking Chert	-18.3	7.99	23	6.49	
Souris Flat Frobisher Beds	-789.4	8.28	59	13.34	11.82MPa @ 59°C
Souris Flat South Frobisher Beds	-850.4				
South Fletwode Tilston Beds	-429.8	7.92	44	9.45	
South Success Roseray Sand	-231.0	8.60	51	8.96	8.96 MPa @ 53°C
Standard Hill Waseca Sand	109.7				
Star Valley Frobisher-Alida Beds	-536.4	7.46	52	10.82	8.61 MPa @ 52°C
Star Valley South Frobisher-Alida Beds	-562.0				
Steelman Frobisher Beds	-853.4	7.01	67	14.36	
Steelman Midale Beds	-853.4	7.01	67	14.34	14.34 MPa @ 63°C
Storthoaks Alida Beds	-493.8	7.92	38	9.8	8.09 MPa @ 42°C
Stoughton Frobisher-Alida Beds	-644.7	7.46	61	12.07	8.09 MPa @ 62°C
Stoughton South Frobisher Beds	-647.7	7.46		14.13	
Success North Roseray Sand	-236.9				
Success Roseray Sand Alpha	-219.5	8.60	51	8.76	7.86 MPa @ 51°C
Suffield Roseray Sand	-259.1	8.60	52	12.98	7.41 MPa @ 44°C
Suffield Upper Shaunavon	-318.5	8.82	50	10.82	

INITIAL OIL POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	PRESSURE GRADIENT kPa/m	TEMPERATURE AT DATUM DEPTH °C	VIRGIN PRESSURE AT DATUM DEPTH MPa	SATURATION PRESSURE
Tableland Winnipegosis	-2029.9				
Tangleflags East McLaren Sand	139.6				
Tangleflags G.P. Sand	100.6				
Tangleflags Lloydminster Sand	61.0				
Tangleflags McLaren Sand	141.4				
Tangleflags North G.P. Sand	99.1				
Tangleflags North Lloyd/Cummings Sand	57.7				
Tangleflags Sparky Sand	109.7				
Tangleflags West G.P. Sand	102.9				
Tangleflags West Lloydminster Sand	62.4				
Tangleflags West McLaren Sand	146.8				
Tangleflags West Sparky Sand	113.5				
Tatagwa Central Midale Beds	-852.0	8.60	57	15.45	
Tatagwa Midale Beds	-857.4				
Tatagwa North Midale Beds	-817.4				
Tatagwa West Midale Beds	-862.1				
Union Jack Midale Beds	-722.1				
Verendrye Viking Sand	-22.0				
Verlo Roseray Sand	-213.4	8.82	52	9.14	9.24 MPa @ 39°C
Viewfield Frobisher Beds	-670.6	8.69	65	12.22	9.03 MPa @ 65°C
Viewfield Rim	-642.0	7.35	64		
View Hill Midale Beds	-957.1	8.75	76	15.69	
Wapella Sand	-76.2	8.37	32	5.25	0.34 MPa @ 29°C
Warmley Alida Beds	-496.2	8.37	54	10.15	
Wauchope Alida-Tilston Beds	-524.1				
Wauchope North Tilston Beds	-458.3				
Wauchope West Alida Beds	-549.1				
Weir Hill Frobisher Beds	-762.0	7.24			
Welwyn Bakken Sand	-180.6				
Westhazel G.P. Sand	90.1				
Westhazel Sparky Sand	103.8				
West Innes Frobisher Beds	-722.4	8.60	64	13.07	
West Kingsford Midale Beds	-876.3	7.01	67	14.82	9.40 MPa @ 67°C
Weyburn Frobisher Beds	-807.7	8.14	61		
Weyburn Midale Beds	-807.7	8.14	61	14.6	
White Bear Tilston Beds	-445.0	7.92	43	9.74	
White Bear Tilston-Souris Valley Beds	-457.2	8.37	39	9.47	2.41 MPa @ 39°C
Whitemud Shaunavon	-469.4	9.05	54	13.79	5.52 MPa @ 41°C
Whiteside Viking Sand	-36.6	7.92	24	6.38	
Wildwood Alida Beds	-582.2	8.37	48	10.77	
Willmar Frobisher Alida Beds	-661.4	7.24	54	11.87	11.32 MPa @ 53°C
Winmore Frobisher Beds	-641.6	8.60		11.23	
Winter Cummings Sand	-36.9				
Wordsworth Frobisher-Alida Beds	-650.0				
Workman Frobisher Beds	-701.0	7.69	54	12.27	6.55 MPa @ 59°C
Workman Midale Beds	-685.8	7.24	54	14.75	7.64 MPa @ 53°C

INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	TEMPERATURE AT DATUM DEPTH °C	COMPRESSIBILTY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Abbey East Milk River Gas Pool	244.7	16	0.935	3 797
Abbey Milk River Gas Pool	280.4	16	0.935	3 786
Abbey North Milk River Gas Pool	280.4	16	0.935	3 786
Barthel Colony Sand Gas Pool	352.1	14	0.957	2 106
Battle Creek West Milk River Gas Pool	311.0	26	0.910	5 037
Battle Creek West Second White Specks Gas Pool	100.9	38	0.904	6 662
Bayhurst Viking Gas Pool	9.1	25	0.894	6 700
Bayhurst West Viking Gas Pool	-7.6	28	0.891	6 720
Beacon Hill Mannville Sand Gas Pool	256.0	21	0.955	2 170
Beacon Hill South Mannville Sand Gas Pool	261.7	21	0.955	2 170
Beacon Hill West Mannville Sand Gas Pool	241.7	21	0.952	2 351
Bear Creek Mannville Sand Gas Pool	262.6	14	0.956	2 110
Beverley East Cantuar Gas Pool	170.0	46	0.891	9 650
Bigstick Second White Specks Gas Pool	101.2	26	0.895	6 105
Branch Lake Colony Sand Gas Pool	230.2	15	0.953	2 307
Brock East Viking Gas Pool	-7.6	29	0.865	7 060
Brock Viking Sand Gas Pool	-3.0	28	0.896	6 690
Bronson Lake Colony Sand Gas Pool	197.7	16	0.952	2 706
Bronson Lake South Colony Sand Gas Pool	197.1	16	0.952	2 778
Bronson Lake Waseca Sand Gas Pool	183.6	17	0.941	2 846
Burstall Medicine Hat Sand Gas Pool	231.5	17	0.915	4 309
Burstall Milk River Gas Pool	278.8	16	0.900	3 447
Burstall North Viking Sand Gas	-11.0	27	0.873	7 782
Cadillac Second White Specks Gas Pool	-19.4	29	0.906	6 585
Carruthers Colony Sand Gas Pool	118.8	15	0.934	3 554
Cavalier Spinney Hill Sand Gas Pool	162.1	18	0.946	3 140
Cold Lake Colony Sand Gas Pool	295.2	13	0.959	1 951
Coleville-Smiley Viking Sand Gas Pool	12.2	24	0.868	6 480
Consul Second White Specks Gas Pool	115.3	29	0.898	6 681
Consul Upper Shaunavon Gas Pool	-330.0	49	0.811	12 976
Crane Lake Medicine Hat Sand Gas Pool	211.9	17	0.915	4 309
Crane Lake Milk River Gas Pool	308.7	15	0.920	3 585
Crane Lake South Medicine Hat Sand Gas Pool	208.5	17	0.915	4 309
Crane Lake South Milk River Gas Pool	264.2	15	0.920	3 532
Crane Lake South Second White Specks Gas Pool	56.1	27	0.862	6 033
Cypress Second White Specks Gas Pool	97.0	34	0.906	6 555
Dodsland North Viking Gas Pool	21.3	23	0.877	6 110
Driver Bakken Sand Gas Pool	-100.4	27	0.886	7 079
Driver Mannville Sand Gas Pool	-49.9	27	0.886	6 804
Flat Valley Colony Sand Gas Pool	234.5	21	0.942	2 310
Flat Valley St. Walburg Sand Gas Pool	330.5	21	0.947	2 138
Fort Pitt Colony Sand Gas Pool	191.0	20	0.947	2 790
Fort Pitt North Colony Sand Gas Pool	198.9	19	0.947	2 850
Fort Pitt North Waseca Sand Gas Pool	198.9	19	0.944	2 850
Freefight Milk River Gas Pool	295.8	15	0.932	3 406
Freefight North Milk River Gas Pool	323.3	15	0.932	3 406
Frenchman Butte Colony Sand Gas Pool	198.3	20	0.947	2 755
Frenchman Butte St. Walburg Sand Gas Pool	288.5	18	0.957	2 985

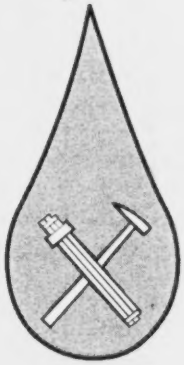
INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	TEMPERATURE AT DATUM DEPTH °C	COMPRESSIBILTY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Frenchman Butte Waseca Sand Gas Pool	168.8	20	0.942	2 867
Glidden Viking Gas Pool	-1.5	22	0.869	6 690
Gold Lake Colony Sand Gas Pool	310.7	14	0.970	1 631
Greenan Viking Gas Pool	-15.2	28	0.893	6 580
Gull Lake Cantuar Gas Pool	-259.1	43	0.857	9 480
Hallam Colony Sand Gas Pool	11.4	23	0.910	4 967
Hallam Waseca Sand Gas Pool	4.4	23	0.910	4 967
Hatton Medicine Hat Sand Gas Pool	274.3	17	0.915	4 310
Hatton Milk River Gas Pool	321.6	16	0.900	3 450
Hillmond Colony Sand Gas Pool	159.4	18	0.942	3 109
Hillmond Lloydminster Sand Gas Pool	65.2	21	0.918	3 935
Hoosier South Bakken Sand Gas Pool	-150.5	29	0.877	7 754
Hoosier Viking Sand Gas Pool	-18.3	26	0.874	6 560
Horsham Ribstone Creek Sand Gas Pool	542.8	15	0.880	1 450
Ingebrigt Milk River Gas Pool	289.0	16	0.900	3 470
Kindersley South Viking Sand Gas Pool	-6.4	26	0.880	6 629
Kindersley Viking Sand Gas Pool	-10.6	23	0.869	6 587
Lacadena Milk River Gas Pool	244.7	16	0.935	3 797
Lacadena South Milk River Gas Pool	244.7	16	0.935	3 797
Lashburn McLaren Sand Gas Pool	146.8	21	0.938	3 229
Liebenthal Milk River Gas Pool	297.2	16	0.900	3 630
Lloydminster Colony Sand Gas Pool	134.1	23	0.937	3 260
Lloydminster North Colony Sand Gas Pool	134.0	21	0.925	3 137
Lloydminster South Colony Sand Gas Pool	128.9	21	0.931	3 406
Loon Lake Colony Sand Gas Pool	283.7	12	0.960	2 331
Loverna North Bakken Sand Gas Pool	-108.4	29	0.858	7 704
Loverna North Mannville Sand Gas Pool	-41.8	33	0.875	7 694
Loverna South Bakken Sand Gas Pool	-136.8	30	0.867	8 074
Loverna South Viking Sand Gas Pool	-4.0	24	0.901	5 144
Loverna West Bakken Sand Gas Pool	-135.3	32	0.862	8 073
Luseland Viking Sand Gas Pool	142.6	23	0.890	5 792
Makwa Mannville Sand Gas Pool	249.4	15	0.952	2 325
Marengo Viking Gas Pool	-10.7	21	0.872	6 740
Merryflat Second White Specks Gas Pool	151.2	29	0.899	6 241
Milton Viking Sand Gas Pool	-18.3	23	0.870	6 550
Monchy Second White Specks Gas Pool	277.6	21	0.909	5 000
Mudie Lake Colony Sand Gas Pool	211.5	17	0.952	2 608
Paradise Hill Colony Sand Gas Pool	174.5	16	0.942	3 047
Paradise Hill Waseca Sand Gas Pool	146.3	17	0.942	3 216
Peck Lake Colony Sand Gas Pool	200.1	24	0.944	2 951
Peck Lake North Second White Specks Gas Pool	342.4	13	0.942	3 239
Peck Lake South Second White Specks Gas Pool	335.1	16	0.934	3 385
Pierceland Mannville Sand Gas Pool	256.0	21	0.958	2 100
Pierceland West Mannville Sand Gas Pool	230.5	15	0.950	2 300
Prairiedale East Viking Gas Pool	14.6	26	0.875	6 250
Primate Mannville Sand Gas Pool	-12.4	26	0.914	5 258
Primrose Lake Mannville Sand Gas Pool	335.6	17	0.969	1 697
Primrose Lake East Mannville Sand Gas Pool	345.1	17	0.972	1 258

INITIAL GAS POOL PRESSURE DATA

POOL NAME	DATUM ELEVATION METRES	TEMPERATURE AT DATUM DEPTH °C	COMPRESSIBILTY FACTOR Z	VIRGIN PRESSURE AT DATUM DEPTH kPa
Rex Lloydminster Sand Gas Pool	65.3	21	0.925	3 950
Salvador Mannville Sand Gas Pool	-26.3	26	0.907	5 317
Senate Second White Specks Gas Pool	121.9	29	0.899	6 281
Senlac McLaren Sand Gas Pool	14.9	23	0.915	4 725
Senlac Sparky Sand Gas Pool	-15.7	27	0.915	5 000
Senlac West Colony Sand Gas Pool	30.4	21	0.910	4 790
Spruce Lake Mannville Sand Gas Pool	183.2	15	0.940	2 753
Spruce Lake North Colony Sand Gas Pool	205.2	16	0.955	1 978
Superb Bakken Sand Gas Pool	-79.1	29	0.869	6 978
Tangleflags Colony Sand Gas Pool	159.1	20	0.947	3 119
Tangleflags McLaren Sand Gas Pool	149.3	21	0.940	3 247
Tangleflags Second White Specks Gas Pool	274.0	18	0.943	3 057
Tangleflags St. Walburg Sand Gas Pool	254.0	18	0.934	3 345
Totnes Viking Gas Pool	-3.0	24	0.886	6 830
Unity South Sparky Sand Gas Pool	-9.8	26	0.920	4 750
Unity South Unity Sand Gas Pool	-38.8	29	0.890	5 288
Unity South Viking Sand Gas Pool	85.5	24	0.889	5 157
Verendrye North Viking Sand Gas Pool	-20.0	24	0.892	6 348
Vidora Bearpaw Sand Gas Pool	733.0	12	0.976	1 118
Vidora Belly River Sand Gas Pool	705.4	13	0.974	1 217
Wheat Valley Cantuar Sand Gas Pool	-220.0	40	0.883	8 003
Whelan Mannville Sand Gas Pool	221.6	16	0.950	2 544
Whelan St. Walburg Sand Gas Pool	307.6	15	0.949	2 635
Whiteside Ribstone Creek Sand Gas Pool	481.6	20	0.959	2 000
Whiteside West Ribstone Creek Sand Gas Pool	485.3	14	0.973	1 240
Whiteside West Viking Sand Gas Pool	-14.4	27	0.884	5 940
Wymark Second White Specks Gas Pool	7.0	35	0.906	6 650
Yonker Colony Sand Gas Pool	66.6	20	0.916	4 339
Yonker McLaren Sand Gas Pool	56.7	22	0.907	4 254

MPR FACTORS



MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
232501	Aberfeldy G.P. Sand Pool	30	90	1	40
232106	Aberfeldy Sparky Sand Pool	30	90	1	40
435192	Alameda East Frobisher Beds Pool	35	75	2	80
433007	Alameda Midale Beds Pool	35	75	2	80
435191	Alameda West Frobisher Beds Pool	35	75	2	80
433036	Alameda West Midale Beds Pool	35	72	2	80
435038	Alida East Frobisher-Alida Beds Pool	35	75	1 & 2	40 & 80
435785	Alida North Alida Beds Pool	35	75	1	40
435044	Alida West Frobisher-Alida Beds Pool	35	77	1	40
239022	Alsask Basal Mannville Sand Pool	25	75	1	40
432001	Amulet Ratcliffe Beds Pool	35	80	2	80
238103	Antelope Cantuar Sand Pool	30	90	1	40
314552	Antelope Lake East Roseray Sand Pool	30	93	2	80
238153	Antelope Lake North Cantuar Sand Pool	30	90	2	80
314558	Antelope Lake North Success-Roseray Sand Pool	25	93	1	40
314559	Antelope Lake Roseray Sand Pool	25	93	1	40
314556	Antelope Lake South Roseray Sand Pool	25	93	1	40
331064	Antelope Lake Upper Shaunavon Pool	25	93	1	40
435024	Arcola Frobisher-Alida Beds Pool	35	79	1	40
435777	Arcola North Alida Beds Pool	35	79	2	80
435002	Arcola South Frobisher-Alida Beds Pool	35	79	2	80
437024	Ashley Lake Tilston Beds Pool	40	90	2	80
435040	Auburnton Frobisher-Alida Beds Pool	35	75	1	40
227331	Avon Hill Viking Pool	35	90	1	40
232135	Baldwinton Sparky Sand Pool	30	90	0.5 & 1	20 & 40
430073	Battle Creek Madison Pool	25	90	2	80
331001	Battle Creek South Upper Shaunavon Pool	25	90	2	80
331072	Battle Creek Upper Shaunavon Pool	25	90	2	80
430005	Battle Creek West Madison Pool	25	90	1	40
314540	Battrum East Roseray Sand Pool	41	97.5	1	40
314553	Battrum North Roseray Sand Pool	41	97.5	1	40
314546	Battrum Roseray Sand Pool (Upper)	41	97.5	1 & 2	40 & 80
314546	Battrum Roseray Sand Pool (Main)	17	97.5	1 & 2	40 & 80
437005	Bellegarde Tilston Beds Pool	40	90	1	40
705057	Bemersyde Red River Pool	35	83	4	160
330064	Bench Shaunavon Pool	35	90	1	40
331060	Bench Upper Shaunavon Pool	25	75	2	80
437006	Bender Central Tilston Beds Pool	40	90	1	40
437021	Bender South Tilston Beds Pool	40	90	1	40
437050	Bender Tilston Beds Pool	40	90	2	80
435763	Bennet Lake Alida Beds Pool	35	80	2	80
433076	Benson East Midale Beds Pool	50	89	2	80
435173	Benson Frobisher Beds Pool	50	89	2	80
433075	Benson Midale Beds Pool	50	89	2	80
543010	Benson Winnipegosis Pool	33	88	4	160
238146	Beverley Cantuar Sand Pool	30	90	1 & 2	40 & 80
238152	Beverley East Cantuar Sand Pool	30	90	2	80
238148	Beverley North Cantuar Sand Pool	30	90	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
314560	Beverley Roseray Sand Pool	35	90	1	40
433035	Bienfait Midale Beds Pool	35	85	1	40
232120	Big Gully East Sparky Sand Pool	30	90	1	40
231202	Big Gully McLaren Sand Pool	30	90	1	40
234120	Big Gully North Lloydminster Sand Pool	30	90	1	40
231221	Big Gully North McLaren Sand Pool	30	90	1	40
232153	Big Gully North Sparky Sand Pool	30	90	1	40
231309	Big Gully Waseca Sand Pool	30	90	1	40
437015	Big Marsh Lake Tilston Beds Pool	40	90	2	80
231116	Bolney Colony Sand Pool	30	90	1	40
331050	Bone Creek Upper Shaunavon Pool	15	94	2	80
331007	Bone Creek West Upper Shaunavon Pool	25	96	1	40
705048	Bromhead East Red River Pool	35	85	2	80
433089	Bromhead Midale Beds Pool	35	75	4	160
435111	Brough Frobisher Beds Pool	35	89	2	80
435019	Browning Frobisher-Alida Beds Pool	35	75	1	40
435013	Browning North Frobisher-Alida Beds Pool	35	85	2	80
435124	Browning South Frobisher Beds Pool	35	75	2	80
435019	Bryant Frobisher Beds Pool	35	75	2 & 4	80 & 160
433099	Bryant Midale Beds Pool	35	89	2 & 4	80 & 160
433016	Bryant South Midale Beds Pool	35	89	2	80
441422	Buffalo Coulee Bakken Sand Pool	25	93	0.5	20
441428	Buffalo Coulee North Bakken Sand Pool	25	93	1	40
441479	Buffalo Head Bakken Sand Pool	25	75	2	80
435015	Buffalo Head Frobisher-Alida Beds Pool	35	75	2	80
321008	Burrows Red Jacket Sand Pool	38	98	1	40
330006	Butte Shaunavon Pool	35	90	1	40
331059	Butte Upper Shaunavon Pool	25	96	1 & 2	40 & 80
331047	Butte West Upper Shaunavon Pool	25	95	1 & 2	40 & 80
234133	Buzzard Lloydminster Sand Pool	30	90	1	40
232521	Buzzard North G.P. Sand Pool	30	90	0.5 & 1	20 & 40
234144	Buzzard North Lloydminster Sand Pool	30	90	0.5 & 1	20 & 40
230915	Buzzard North Mannville Sands Pool	30	90	0.5 & 1	20 & 40
232149	Buzzard North Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231335	Buzzard North Waseca Sand Pool	30	90	0.5 & 1	20 & 40
441426	Cactus Lake Basal Mannville - Bakken Sand Pool	25	95	1	40
441446	Cactus Lake East Bakken Sand Pool	25	95	1	40
231211	Cactus Lake North McLaren Sand Pool	30	90	1	40
435005	Cantal Frobisher-Alida Beds Pool	35	75	1	40
435039	Cantal South Frobisher-Alida Beds Pool	35	75	2	80
238143	Cantuar East Cantuar Sand Pool	30	90	1	40
335003	Cantuar East Lower Shaunavon Pool	25	95	1	40
314550	Cantuar East Roseray Sand Pool	35	90	1	40
314561	Cantuar Roseray Sand Pool	35	95	1	40
238141	Cantuar Main Cantuar Sand Pool	30	90	1	40
314555	Cantuar North Roseray Sand Pool	35	95	1	40
435787	Carlyle Alida Beds Pool	35	75	1	40
375143	Carlyle South Lower Watrous Pool	25	95	2	80

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
435180	Carnduff Frobisher Beds Pool	35	75	2	80
433006	Carnduff Midale Beds Pool	35	75	2	80
235016	Carruthers Cummings Sand Pool	30	90	0.5	20
232511	Celtic G.P. Sand Pool	30	90	0.5 & 1	20 & 40
230903	Celtic Mannville Sands Pool	30	90	0.5 & 1	20 & 40
232122	Celtic Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231313	Celtic Waseca Sand Pool	30	90	0.5 & 1	20 & 40
441440	Ceylon Bakken Sand Pool	25	94	2	80
331073	Chambery Upper Shaunvon Pool	20	91	2	80
705058	Chapleau Lake Red River Pool	35	83	4	160
435027	Clarilaw East Frobisher-Alida Beds Pool	35	75	2	80
435021	Clarilaw Frobisher-Alida Beds Pool	35	75	2	80
435041	Clarilaw West Frobisher-Alida Beds Pool	35	75	1	40
330062	Clintonville Shaunavon Pool	25	90	2	80
441421	Coleville Bakken Sand Pool	15	93	0.5	20
230026	Coleville Mannville Sand Pool	25	90	1	40
441429	Coleville South Bakken Sand Pool	15	93	0.5	20
230027	Coleville South Mannville Sand Pool	25	90	1	40
240025	Coleville South Success Pool	50	90	0.5 & 1	20 & 40
441441	Coleville West Bakken Sand Pool	15	93	1	40
433002	Colgate Midale Beds Pool	35	92	1	40
321004	Coothill Red Jacket Sand Pool	38	98	0.25	10
437018	Corning Tilston Beds Pool	40	90	2	80
437022	Corning West Tilston Beds Pool	40	90	2	80
234122	Cosine Lake Lloydminster Sand Pool	30	90	1	40
441431	Court Bakken Sand Pool	25	95	1	40
441444	Court North Bakken Sand Pool	25	95	1	40
441438	Court South Bakken Sand Pool	25	95	1	40
441451	Court West Bakken Sand Pool	25	95	1	40
331006	Covington South Upper Shaunavon Pool	15	94	1	40
331055	Covington Upper Shaunavon Pool	15	94	2	80
331071	Covington West Upper Shaunavon Pool	25	75	2	80
437011	Coyote Lake Tilston Beds Pool	40	90	2	80
435765	Creelman Alida Beds Pool	35	75	1 & 2	40 & 80
438030	Crystal Hill Souris Valley Beds Pool	40	90	1 & 2	40 & 80
239011	Cuthbert Basal Mannville Sand Pool	14	75	1	40
430002	Dahinda Madison Pool	25	75	2	80
435028	Dalesboro Frobisher-Alida Beds Pool	35	78	2	80
435029	Dalesboro North Frobisher-Alida Beds Pool	35	78	2	80
230909	Dee Valley East Mannville Sands Pool	30	90	1	40
232125	Dee Valley East Sparky Sand Pool	30	90	1	40
231316	Dee Valley East Waseca Sand Pool	30	90	1	40
231337	Dee Valley South Waseca Sand Pool	30	90	0.5	20
231310	Dee Valley Waseca Sand Pool	30	90	0.5 & 1	20 & 40
331046	Delta Upper Shaunavon Pool	25	93	2	80
331005	Delta West Upper Shaunavon Pool	45	93	1	40
430004	Divide Madison Pool	25	90	1	40
227327	Dodsland Viking Sand Pool	35	90	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
335001	Dollard Lower Shaunavon Pool	25	95	2 & 4	80 & 160
331041	Dollard Upper Shaunavon Pool	5	91	1 & 2	40 & 80
230025	Druid Mannville Sands Pool	30	90	1	40
232518	Dulwich East G.P. Sand Pool	30	90	0.25	10
233116	Dulwich East Rex Sand Pool	30	90	0.25	10
232147	Dulwich East Sparky Sand Pool	30	90	0.25	10
232502	Dulwich G.P. Sand Pool	30	90	0.5	20
232109	Dulwich North Sparky Sand Pool	30	90	0.5	20
232102	Dulwich Sparky Sand Pool	30	90	0.25	10
231324	Ear Lake Waseca Sand Pool	30	90	1	40
330076	Eastbrook Shaunavon Pool	20	91	2	80
330074	Eastend Shaunavon Pool	20	91	2 & 4	80 & 160
234143	Edam North Lloydminster Sand Pool	30	90	0.5 & 1	20 & 40
232133	Edam North Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231326	Edam North Waseca Sand Pool	30	90	0.5 & 1	20 & 40
231320	Edam Waseca Sand Pool	30	90	0.5 & 1	20 & 40
230904	Edam West Mannville Sands Pool	30	90	0.25 & 0.5	10 & 20
232141	Edam West Sparky/G.P. Sand Pool	30	90	0.25 & 0.5	10 & 20
231323	Edam West Waseca Sand Pool	30	90	0.25 & 0.5	10 & 20
437033	Edenvale North Tilston Beds Pool	40	90	1	40
437032	Edenvale Tilston Beds Pool	40	90	2	80
433096	Elcott East Midale Beds Pool	35	75	2	80
435184	Elmore Frobisher Beds Pool	45	86	1	40
433018	Elmore Midale Beds Pool	35	75	2	80
433003	Elswick East Midale Beds Pool	35	88	2	80
433001	Elswick Midale Beds Pool	35	88	2	80
433011	Elswick South Midale Beds Pool	50	89	2	80
232504	Epping G.P. Sand Pool	30	90	0.5 & 1	20 & 40
230913	Epping Mannville Sands Pool	30	90	0.5 & 1	20 & 40
235005	Epping North Cummings Sand Pool	30	90	1	40
232503	Epping North G.P. Sand Pool	30	90	1	40
231218	Epping North McLaren Sand Pool	30	90	1	40
232151	Epping North Sparky Sand Pool	30	90	1	40
232110	Epping South Sparky Sand Pool	30	90	1	40
232104	Epping Sparky Sand Pool	30	90	0.5 & 1	20 & 40
230032	Ermine Mannville Sands Pool	30	90	1	40
227323	Eureka Viking Pool	35	90	1	40
230916	Evesham North Mannville Sands Pool	30	90	1	40
231208	Evesham North McLaren Sand Pool	30	90	1	40
232145	Evesham North Sparky Sand Pool	30	90	1	40
232142	Evesham Sparky Sand Pool	30	90	1	40
235910	Eyehill Cummings-Dina Sand Pool	30	90	1	40
235004	Eyehill North Cummings Sand Pool	30	90	1	40
232132	Eyehill North Sparky Sand Pool	30	90	1	40
437037	Fertile Tilston Beds Pool	40	90	1	40
437580	Fertile Tilston-Souris Valley Beds Pool	40	90	1	40
432085	Flat Lake Ratcliffe Beds Pool	35	80	2	80
437019	Flinton Tilston Beds Pool	40	90	2	80

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
435187	Florence Frobisher Beds Pool	35	75	2	80
435127	Florence South Frobisher Beds Pool	35	75	2	80
433014	Florence South Midale Beds Pool	35	75	2	80
230902	Forest Bank Mannville Sands Pool	30	90	0.5 & 1	20 & 40
232123	Forest Bank Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231305	Forest Bank Waseca Sand Pool	30	90	0.5 & 1	20 & 40
227338	Forgan Viking Sand Pool	35	90	1	40
227351	Forgan West Viking Sand Pool	35	90	1	40
314541	Fosterton Roseray Sand Pool	16	95	1	40
238151	Fosterton South Cantuar Sand Pool	30	90	1	40
314554	Fosterton South Roseray Sand Pool	16	95	1	40
432090	Freda Lake Ratcliffe Beds Pool	35	90	2	80
230914	Freemont Mannville Sands Pool	30	90	1	40
231115	Freemont South Colony Sand Pool	30	90	1	40
232130	Freemont Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231315	Freemont Waseca Sand Pool	30	90	0.25 & 1	10 & 40
232118	Freemont West Sparky Sand Pool	30	90	1	40
435082	Freestone Frobisher-Alida Beds Pool	35	75	1 & 2	40 & 80
375142	Fremantle Lower Watrous Pool	25	95	2	80
705053	Froude Red River Pool	25	83	4	160
437581	Frys East Tilston-Souris Valley Beds Pool	40	90	1	40
437579	Frys Tilston-Souris Valley Beds Pool	40	90	1	40
232113	Furness Sparky Sand Pool	30	90	0.25	10
441425	Fusilier Bakken Sand Pool	25	95	1	40
441447	Fusilier North Bakken Sand Pool	25	95	1	40
435009	Gainsborough Frobisher-Alida Beds Pool	30	75	1 & 2	40 & 80
435020	Gainsborough North Frobisher-Alida Beds Pool	30	75	1	40
435113	Gainsborough West Frobisher Beds Pool	30	75	2	80
331051	Gardenhead South Upper Shaunavon Pool	25	96	1	40
331003	Gardenhead Upper Shaunavon Pool	25	96	2	80
435181	Glen Ewen Frobisher Beds Pool	35	75	2	80
433008	Glen Ewen Midale Beds Pool	35	75	2 & 4	80 & 160
435126	Glen Ewen North Frobisher Beds Pool	35	75	1 & 2	40 & 80
230906	Golden Lake North Mannville Sands Pool	30	90	0.5 & 1	20 & 40
232112	Golden Lake North Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231306	Golden Lake North Waseca Sand Pool	30	90	0.5 & 1	20 & 40
230908	Golden Lake South Mannville Sands Pool	30	90	0.5 & 1	20 & 40
232107	Golden Lake South Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231308	Golden Lake South Waseca Sand Pool	30	90	0.5 & 1	20 & 40
435168	Griffin Frobisher Beds Pool	35	89	1	40
435115	Griffin North Frobisher Beds Pool	35	89	2	80
238142	Gull Lake Basal Cantuar Sand Pool	35	92	1	40
331058	Gull Lake Central Upper Shaunavon Pool	25	97	2	80
238144	Gull Lake North Basal Cantuar Sand Pool	35	92	1	40
331043	Gull Lake North Upper Shaunavon Pool	25	97	1	40
314539	Gull Lake Roseray Sand Pool	25	93	1	40
331057	Gull Lake South Upper Shaunavon Pool	25	97	2	80
231307	Gully Lake Waseca Sand Pool	30	90	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	ASSIGNED AREA (ACRES)
435761	Handsworth Alida Beds Pool	35	75	1 & 2	40 & 80
705059	Hardy South Red River Pool	35	85	4	160
435087	Hartaven Frobisher-Alida Beds Pool	40	89	1	40
705061	Hartaven Red River Pool	35	85	4	160
707004	Hartaven Winnipeg Sand Pool	15	85	4	160
435190	Hastings East Frobisher Beds Pool	35	75	2	80
435177	Hastings Frobisher Beds Pool	35	75	1 & 2	40 & 80
435125	Hastings North Frobisher Beds Pool	35	75	1	40
435160	Hastings West Frobisher Beds Pool	35	75	2	80
437020	Hazelwood Central Tilston Beds Pool	40	90	1 & 2	40 & 80
437029	Hazelwood South Tilston Beds Pool	40	90	2	80
437027	Hazelwood Tilston Beds Pool	40	90	1	40
437028	Hazelwood West Tilston Beds Pool	40	90	2	80
314548	Hazlet Roseray Sand Pool	21	94.7	1	40
441430	Hearts Hill Bakken Sand Pool	25	95	1	40
435112	Heward Frobisher Beds Pool	40	89	2	80
435109	Heward South Frobisher Beds Pool	35	89	2	80
232515	Hillmond G.P. Sand Pool	30	90	1	40
232127	Hillmond South Sparky Sand Pool	30	90	1	40
232115	Hillmond Sparky Sand Pool	30	90	1	40
543006	Hitchcock Winnipegosis Pool	25	75	2 & 4	80 & 160
432094	Hoffer Ratcliffe Beds Pool	35	80	1 & 2	40 & 80
441424	Hoosier Bakken Sand Pool	25	95	1	40
435167	Hume Frobisher Beds Pool	35	89	1 & 2	40 & 80
433091	Hume Midale Beds Pool	35	89	2	80
441478	Hummingbird Bakken Sand Pool	25	95	2	80
521029	Hummingbird Birdbear Pool	25	83	2	80
432088	Hummingbird Ratcliffe Beds Pool	25	75	2	80
441481	Hummingbird South Bakken Sand Pool	25	83	1	40
432095	Hummingbird South Ratcliffe Beds Pool	35	89	1	40
435163	Huntoon Frobisher Beds Pool	50	89	1 & 2	40 & 80
435163	Huntoon Frobisher Beds Pool (East Group)	35	89	1 & 2	40 & 80
433079	Huntoon Midale Beds Pool	50	89	2 & 4	80 & 160
435189	Huntoon North Frobisher Beds Pool	35	89	1	40
331054	Illerbrun Upper Shaunavon Pool	15	94	2	80
435760	Ingoldsby East Alida Beds Pool	35	75	2	80
435003	Ingoldsby Frobisher-Alida Beds Pool	35	89	1	40
435767	Ingoldsby North Alida Beds Pool	35	89	2	80
435042	Ingoldsby West Frobisher-Alida Beds Pool	35	75	1	40
435165	Innes Frobisher Beds Pool	35	89	2	80
331049	Instow Upper Shaunavon Pool	5	94	2	80
238150	Java Cantuar Sand Pool	30	90	2	80
238104	Java North Cantuar Sand Pool	30	90	1	40
238105	Java West Cantuar Sand Pool	30	90	1	40
331042	Johnston Upper Shaunavon Pool	25	97	1	40
438020	Kennedy Souris Valley Beds Pool	40	90	2	80
437016	Kenosee Tilston Beds Pool	40	90	2	80
230012	Kerrobert Mannville Sand Pool	30	90	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
230013	Kerrobert North Mannville Sand Pool	30	90	1	40
227342	Kerrobert Viking Sand Pool	35	90	0.5 & 1	20 & 40
521034	Kisbey Birdbear Pool	40	75	2	80
435025	Kisbey Frobisher-Alida Beds Pool	26	80	1	40
435022	Kisbey South Frobisher-Alida Beds Pool	35	80	1	40
432086	Lake Alma Ratcliffe Beds Pool	35	80	2	80
231201	Landrose McLaren Sand Pool	30	90	0.5 & 1	20 & 40
231301	Landrose Waseca Sand Pool	30	90	0.5 & 1	20 & 40
231339	Lashburn East Waseca Sand Pool	30	90	1	40
231220	Lashburn McLaren Sand Pool	30	90	0.5 & 1	20 & 40
232129	Lashburn South Sparky Sand Pool	30	90	1	40
231314	Lashburn South Waseca Sand Pool	30	90	1	40
232116	Lashburn Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231303	Lashburn Waseca Sand Pool	30	90	0.5 & 1	20 & 40
232137	Lashburn West Sparky Sand Pool	30	90	0.5 & 1	20 & 40
330047	Leitchville Shaunavon Pool	35	90	2	80
330048	Leon Lake Shaunavon Pool	25	90	2	80
437023	Lightning Tilston Beds Pool	40	90	1	40
437017	Lightning South Tilston Beds Pool	40	90	2	80
232124	Lloydminster Sparky Sand Pool	30	90	0.5	20
232103	Lone Rock Sparky Sand Pool	30	90	0.25	10
231328	Long Lake Waseca Sand Pool	30	90	1	40
435073	Lost Horse Hill Frobisher-Alida Beds Pool	45	89	1 & 2	40 & 80
433081	Lougheed Midale Beds Pool	35	89	1 & 2	40 & 80
240024	Loverna Success Pool	25	75	1	40
231341	Low Lake East Waseca Sand Pool	30	90	0.25	10
231302	Low Lake Waseca Sand Pool	30	90	0.5	20
227335	Lucky Hills Viking Pool	35	90	1	40
441432	Luseland Bakken Sand Pool	25	95	1	40
230002	Luseland Mannville Sand Pool	30	90	1	40
232126	Macklin Sparky Sand Pool	30	90	1	40
433095	Macoun Midale Beds Pool	35	89	2	80
543007	Macoun North Winnipegosis Pool	19	74	1, 2 & 4	40, 80 & 160
433012	Macoun South Midale Beds Pool	35	89	1	40
433069	Macoun West Midale Beds Pool	40	89	4	160
543005	Macoun Winnipegosis Pool	19	74	4	160
230912	Maidstone Mannville Sands Pool	30	90	1	40
231205	Maidstone McLaren Sand Pool	30	90	1	40
231322	Maidstone Waseca Sand Pool	30	90	1	40
314543	Main Success Roseray Sand Pool	30	93	1	40
231210	Manito Lake East McLaren Sand Pool	30	90	0.5 & 1	20 & 40
232143	Manito Lake Sparky Sand Pool	30	90	1	40
435503	Manor Lower Watrous-Alida Beds Pool	35	75	2	80
375144	Manor North Lower Watrous Pool	25	75	2	80
705055	Mansur Red River Pool	25	83	4	160
239007	Mantario East Basal Mannville Sand Pool	14	75	1	40
239005	Mantario North Basal Mannville Sand Pool	14	75	1	40
239010	Marengo South Basal Mannville Sand Pool	14	75	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
232111	Marsden North Sparky Sand Pool	30	90	1	40
232138	Marsden South Sparky Sand Pool	30	90	0.5 & 1	20 & 40
232105	Marsden Sparky Sand Pool	30	90	0.25 & 0.5	10 & 20
435080	Melrose Frobisher-Alida Beds Pool	45	89	1	40
234123	Meota Lloydminster Sand Pool	30	90	1	40
231345	Mervin Central Waseca Sand Pool	30	90	1	40
232152	Mervin Central Sparky Sand Pool	30	90	1	40
231343	Mervin East Waseca Sand Pool	30	90	1	40
231344	Mervin South Waseca Sand Pool	30	90	1	40
231332	Mervin Waseca Sand Pool	30	90	0.5 & 1	20 & 40
435161	Midale Central Frobisher Beds Pool	50	89	1 & 2	40 & 80
433072	Midale Central Midale Beds Pool	50	89	2	80
705051	Midale Red River Pool	25	83	4	160
705060	Midale South Red River Pool	35	85	4	160
705052	Midale West Red River Pool	25	83	4	160
441439	Milton Bakken Sand Pool	25	95	1	40
441482	Milton South Bakken Sand Pool	25	95	1	40
240026	Milton South Success Pool	25	75	1	40
433070	Minard Midale Beds Pool	35	89	4	160
435128	Minard South Frobisher Beds Pool	35	75	2	80
705049	Minton Red River Pool	35	90	4	160
543008	Minton Winnipegosis Pool	34	90	2 & 4	80 & 160
705056	Montmartre Red River Pool	35	83	4	160
437014	Moose Mountain Tilston Beds Pool	40	90	1	40
437030	Moose Valley South Tilston Beds Pool	40	90	1 & 2	40 & 80
437076	Moose Valley Tilston Beds Pool	40	90	1	40
321003	Moosomin Red Jacket Sand Pool	39	99	0.25	10
435031	Morrisview Frobisher-Alida Beds Pool	35	80	2	80
435004	Morrisview South Frobisher-Alida Beds Pool	35	80	2	80
435032	Morrisview West Frobisher-Alida Beds Pool	35	80	2	80
231105	Neilburg Colony Sand Pool	30	90	1	40
230911	Neilburg Mannville Sands Pool	30	90	1	40
231203	Neilburg McLaren Sand Pool	30	90	1	40
433019	Neptune North Midale Beds Pool	35	92	2	80
432092	Neptune Ratcliffe Beds Pool	35	80	4	160
433026	North Antler Midale Beds Pool	35	75	2	80
435762	North Handsworth Alida Beds Pool	35	75	2	80
441423	North Hoosier Bakken Sand Pool	25	95	1	40
239021	North Hoosier Basal Mannville Sand Pool	25	90	0.5	20
433010	North Portal Midale Beds Pool	35	75	2	80
314542	North Premier Roseray Sand Pool	25	93	1	40
331044	North Premier Upper Shaunavon Pool	25	93	1	40
441433	North Smiley Bakken Sand Pool	25	93	1	40
435120	Northgate East Frobisher Beds Pool	35	75	2	80
435185	Northgate Frobisher Beds Pool	35	75	1	40
433020	Northgate Midale Beds Pool	35	75	2	80
232509	Northminster North G.P. Sand Pool	30	90	0.5 & 1	20 & 40
232134	Northminster North Sparky Sand Pool	30	90	0.5 & 1	20 & 40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
232108	Northminster Sparky Sand Pool	30	90	1	40
435780	Nottingham Alida Beds Pool	35	75	2	80
437010	Nottingham East Tilston Beds Pool	40	90	2	80
437004	Nottingham North Tilston Beds Pool	40	90	2	80
435083	Nottingham South Frobisher-Alida Beds Pool	22	75	1 & 2	40 & 80
331074	Notukeu Upper Shaunavon Pool	25	75	4	160
435178	Oakley Frobisher Beds Pool	35	75	2	80
239019	Onward Basal Mannville Sand Pool	25	95	0.5 & 1	20 & 40
435116	Openshaw Frobisher Beds Pool	35	75	2	80
432083	Oungre Ratcliffe Beds Pool	35	80	1 & 2	40 & 80
435175	Oxbow Frobisher Beds Pool	35	75	2	80
438022	Parkman Souris Valley Beds Pool	50	90	2	80
437578	Parkman South Tilston-Souris Valley Beds Pool	40	90	1	40
437013	Parkman Tilston Beds Pool	40	90	1	40
437576	Parkman Tilston-Souris Valley Beds (Tilston)	40	90	1	40
437576	Parkman Tilston-Souris Valley Beds (Souris Valley)	50	90	1	40
331061	Pennant Upper Shaunavon Pool	25	95	1	40
435702	Pheasant Rump Alida Beds Pool	35	75	2	80
232507	Pikes Peak G.P. Sand Pool	30	90	1	40
232128	Pikes Peak Sparky Sand Pool	30	90	1	40
231312	Pikes Peak Waseca Sand Pool	30	90	1	40
433082	Pinto East Midale Beds Pool	35	75	2	80
435182	Pinto Frobisher Beds Pool	35	75	1 & 2	40 & 80
433015	Pinto Midale Beds Pool	35	75	2	80
227340	Plato North Viking Pool	35	90	1	40
227333	Plato Viking Pool	35	90	1	40
227345	Plenty Viking Sand Pool	35	90	1	40
441427	Plover Lake Bakken Sand Pool	25	95	1	40
441480	Plover Lake East Bakken Sand Pool	25	95	1	40
231209	Plover Lake McLaren Sand Pool	25	95	0.5 & 1	20 & 40
441445	Plover Lake South Bakken Sand Pool	25	95	1	40
441450	Plover Lake West Bakken Sand Pool	25	95	1	40
227343	Prairiedale Viking Sand Pool	35	90	1	40
435010	Queensdale East Frobisher-Alida Beds Pool	35	85	1	40
435782	Queensdale North Alida Beds Pool	35	75	1	40
435781	Queensdale West Alida Beds Pool	35	75	1	40
375140	Queensdale West Lower Watrous Pool	25	75	2	80
433097	Ralph Midale Beds Pool	35	89	2	80
433005	Ralph West Midale Beds Pool	35	89	1 & 2	40 & 80
430003	Rangeview East Madison Pool	25	90	1	40
430001	Rangeview Madison Pool	25	90	1	40
335002	Rapdan North Lower Shaunavon Pool	20	91	4	160
331004	Rapdan South Upper Shaunavon Pool	20	91	4	160
331045	Rapdan Upper Shaunavon Pool	20	91	1 & 2	40 & 80
330063	Rapdan West Shaunavon Pool	20	91	4	160
354902	Red Jacket Gravelbourg Pool	38	98	2	80
321002	Red Jacket Sand Pool	38	98	0.25	10
321006	Red Jacket South Red Jacket Sand Pool	38	98	0.25	10

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
437031	Redvers Tilston Beds Pool	40	90	2	80
231338	Reward Waseca Sand Pool	30	90	1	40
441476	Rocanville Bakken Sand Pool	35	75	1	40
441477	Roncott Bakken Sand Pool	25	94	2	80
435779	Rosebank Alida Beds Pool	35	79	1	40
435778	Rosebank South Alida Beds Pool	35	79	1	40
238106	Ross Lake Cantuar Sand Pool	30	90	1	40
232519	Rush Lake G.P. Sand Pool	30	90	0.5 & 1	20 & 40
230905	Rush Lake Mannville Sands Pool	30	90	0.5 & 1	20 & 40
232140	Rush Lake Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231321	Rush Lake Waseca Sand Pool	30	90	0.5 & 1	20 & 40
235918	Rutland Cummings-Dina Sand Pool	30	90	1	40
234142	Salt Lake Lloydminster Sand Pool	30	90	1	40
235920	Senlac Cummings-Dina Sand Pool	30	90	1	40
234139	Senlac Lloydminster Sand Pool	30	90	1	40
231327	Senlac Waseca Sand Pool	30	90	1	40
437009	Service Tilston Beds Pool	40	90	2	80
239023	Seward Basal Mannville Sand Pool	30	90	2	80
238155	Seward Cantuar Sand Pool	30	90	2	80
240027	Seward Success Sand Pool	30	90	2	80
435164	Sherwood Frobisher Beds Pool	35	86	1	40
232101	Silverdale Sparky Sand Pool	30	90	0.25 & 0.5 & 1	10 & 20 & 40
435122	Silverton East Frobisher Beds Pool	35	75	2	80
435179	Silverton Frobisher Beds Pool	35	75	1	40
435117	Silverton North Frobisher Beds Pool	35	75	2	80
435006	Silverton West Frobisher-Alida Beds Pool	35	75	1	40
432096	Skinner Lake Ratcliffe Beds Pool	35	80	2	80
441443	Smiley Bakken Sand Pool	25	93	1	40
227023	Smiley-Dewar Viking Pool	35	90	1	40
235015	Soda Lake Cummings Sand Pool	30	90	1	40
435186	Souris Flat Frobisher Beds Pool	35	75	1	40
435174	Souris Flat South Frobisher Beds Pool	35	75	1	40
437002	South Fletwode Tilston Beds Pool	40	90	1	40
314545	South Success Roseray Sand Pool	30	93	1	40
232520	Standard Hill North G.P. Sand Pool	30	90	0.5 & 1	20 & 40
233117	Standard Hill North Rex Sand Pool	30	90	0.5 & 1	20 & 40
232148	Standard Hill North Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231333	Standard Hill North Waseca Sand Pool	30	90	0.5 & 1	20 & 40
231311	Standard Hill Waseca Sand Pool	30	90	1	40
231214	Standard Hill West McLaren Sand Pool	30	90	0.5	20
435001	Star Valley Frobisher-Alida Beds Pool	35	81	1	40
435014	Star Valley South Frobisher-Alida Beds Pool	35	81	2	80
435176	Steelman Frobisher Beds Pool	35	75	2	80
433004	Steelman Midale Beds Pool	35	72	2	80
543011	Steelman South Winnipegosis Pool	33	88	2 & 4	80 & 160
543009	Steelman Winnipegosis Pool	33	88	4	160
435786	Storthoaks Alida Beds Pool	35	79	2	80
437007	Storthoaks East Tilston Beds Pool	40	90	2	80

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
437008	Storthoaks North Tilston Beds Pool	40	90	2	80
437035	Storthoaks Tilston Beds Pool	40	90	2	80
435078	Stoughton Frobisher-Alida Beds Pool	35	86	2	80
435118	Stoughton North Frobisher Beds Pool	35	86	2	80
435171	Stoughton South Frobisher Beds Pool	35	86	2	80
314551	Success North Roseray Sand Pool	30	93	1	40
314544	Success Roseray Sand Alpha Pool	30	93	1	40
238145	Suffield Basal Cantuar Sand Pool	35	92	1	40
314549	Suffield Roseray Sand Pool	35	95	1 & 2	40 & 80
331052	Suffield Upper Shaunavon Pool	25	97	2	80
238107	Suffield West Cantuar Sand Pool	30	90	1	40
231336	Superb North Waseca Sand Pool	30	90	1	40
231342	Superb Waseca Sand Pool	30	90	1	40
239008	Swift Current West Basal Mannville Sand Pool	30	90	1	40
543004	Tableland Winnipegosis Pool	19	73	4	160
231204	Tangleflags East McLaren Sand Pool	30	90	1	40
232505	Tangleflags G.P. Sand Pool	30	90	0.5 & 1	20 & 40
234121	Tangleflags Lloydminster Sand Pool	30	90	0.5 & 1	20 & 40
230901	Tangleflags Mannville Sands Pool	30	90	0.5 & 1	20 & 40
231206	Tangleflags McLaren Sand Pool	30	90	0.5 & 1	20 & 40
232506	Tangleflags North G.P. Sand Pool	30	90	0.5 & 1	20 & 40
234128	Tangleflags North Lloyd/Cummings Sand Pool	30	90	0.5 & 1	20 & 40
232114	Tangleflags Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231340	Tangleflags Waseca Sand Pool	30	90	0.5 & 1	20 & 40
232508	Tangleflags West G.P. Sand Pool	30	90	0.5 & 1	20 & 40
234132	Tangleflags West Lloydminster Sand Pool	30	90	0.5 & 1	20 & 40
230907	Tangleflags West Mannville Sands Pool	30	90	0.5 & 1	20 & 40
231207	Tangleflags West McLaren Sand Pool	30	90	0.5 & 1	20 & 40
232131	Tangleflags West Sparky Sand Pool	30	90	0.5 & 1	20 & 40
433080	Tatagwa Central Midale Beds Pool	35	92	1	40
433098	Tatagwa Midale Beds Pool	35	92	1 & 2	40 & 80
433088	Tatagwa North Midale Beds Pool	35	92	1 & 2	40 & 80
433009	Tatagwa West Midale Beds Pool	35	92	2	80
433013	Taylorton Midale Beds Pool	35	85	2	80
435701	Thirty Lake Alida Beds Pool	35	79	2	80
232150	Turtleford Sparky Sand Pool	30	90	0.5	20
231334	Turtleford Waseca Sand Pool	30	90	0.5	20
705054	Tyvan Red River Pool	35	91	4	160
433021	Union Jack Midale Beds Pool	35	89	2	80
227321	Verendrye Viking Sand Pool	35	90	1	40
314547	Verlo Roseray Sand Pool	21	90	1	40
435110	Viewfield East Frobisher Beds Pool	35	86	2	80
435170	Viewfield Frobisher Beds Pool	35	86	1	40
390001	Viewfield Rim Pool	35	86	1	40
433071	View Hill Midale Beds Pool	50	89	2	80
230019	Wapella Mannville Sand Pool	25	99	1	40
321007	Wapella Red Jacket Sand Pool	28	99	1	40
238661	Wapella Sand Pool	25	99	1	40

MAXIMUM PERMISSIVE RATE FACTORS*

HORIZON POOL CODE	POOL NAME	AVERAGE INTERSTITIAL WATER (SW)	AVERAGE SHRINKAGE FACTOR (1/Boi)	ASSIGNED AREA (LSDS) (A)	(ACRES)
435784	Warmley Alida Beds Pool	35	90	2	80
436277	Wauchope Alida Tilston Beds Pool	35	75	1	40
437034	Wauchope Central Tilston Beds Pool	40	90	2	80
437003	Wauchope North Tilston Beds Pool	40	90	1	40
435766	Wauchope South Alida Beds Pool	35	85	2	80
435764	Wauchope West Alida Beds Pool	35	75	2	80
238101	Webb Cantuar Sand Pool	30	90	1	40
238102	Webb South Cantuar Sand Pool	30	90	1	40
238154	Webb West Cantuar Sand Pool	30	90	1	40
435169	Weir Hill Frobisher Beds Pool	35	75	1	40
441475	Welwyn Bakken Sand Pool	35	75	2	80
321005	Welwyn Red Jacket Pool	35	75	1	40
441474	Welwyn South Bakken Sand Pool	35	75	1	40
435166	West Innes Frobisher Beds Pool	35	89	1	40
433077	West Kingsford Midale Beds Pool	35	83.6	2	80
232510	Westhazel G.P. Sand Pool	30	90	0.5 & 1	20 & 40
230910	Westhazel Mannville Sand Pool	30	90	0.5 & 1	20 & 40
232136	Westhazel Sparky Sand Pool	30	90	0.5 & 1	20 & 40
231329	Westhazel Waseca Sand Pool	30	90	0.5 & 1	20 & 40
435162	Weyburn Frobisher Beds Pool	35	89	1 & 2	40 & 80
433074	Weyburn Midale Beds Pool	35	89	2	80
433074	Weyburn Midale Beds Pool (Northern Portion of Pool)	50	89	2	80
437012	White Bear Tilston Beds Pool	40	90	1	40
437577	White Bear Tilston-Souris Valley Beds (Tilston)	40	90	1	40
437577	White Bear Tilston-Souris Valley Beds (Souris Valley)	50	90	1	40
330075	Whitemud Shaunavon Pool	20	91	2	80
227326	Whiteside Viking Sand Pool	40	91	1	40
435783	Wildwood Alida Beds Pool	35	75	2	80
435011	Willmar Frobisher-Alida Beds Pool	25	78	1	40
435059	Willmar North Frobisher-Alida Beds Pool	35	78	2	80
435114	Willmar West Frobisher Beds Pool	35	78	2	80
435188	Winmore Frobisher Beds Pool	45	85	2	80
235007	Winter Cummings Sand Pool	30	90	1	40
235008	Winter South Cummings Sand Pool	30	90	1	40
231219	Winter South McLaren Sand Pool	30	90	1	40
435121	Wordsworth East Frobisher Beds Pool	35	79	2	80
435012	Wordsworth Frobisher-Alida Beds Pool	35	75	2	80
435023	Wordsworth North Frobisher-Alida Beds Pool	35	79	2	80
435183	Workman Frobisher Beds Pool	35	84	2	80
433017	Workman Midale Beds Pool	35	79	2	80
435119	Workman South Frobisher Beds Pool	35	84	2	80

*Factors in effect on January 1, 2003